# CONSTRUCTION NEWS

*Engineering News-Record, Dec. 10, 1925*

## PROPOSALS

**For proposals Advertised see the pages immediately following the "Construction News" Section.**

| Bids Close | | See Eng. News-Record |
|---|---|---|

### WATERWORKS

| | | |
|---|---|---|
| Dec. 11 | New York, N. Y. | Dec. 10 |
| Dec. 11 | Long Island City, N. Y. | Dec. 10 |
| Dec. 14 | Buffalo, Mo. | Dec. 10 |
| Dec. 14 | Lansdowne, Md. Adv. Nov. 26 to Dec. 10. | Nov. 26 |
| Dec. 15 | Grand Island, Neb. | Dec. 3 |
| Dec. 15 | Staunton, Va. Adv. Dec. 3 and 10. | Dec. 3 |
| Dec. 15 | Liberty, N. Y. Adv. Dec. 3 and 10. | Dec. 3 |
| Dec. 16 | Clinton, Tenn. | Dec. 10 |
| Dec. 17 | Paris, Ark. | Dec. 3 |
| Dec. 17 | Tulsa, Okla. | Dec. 3 |
| Dec. 18 | Abilene, Tex. Adv. Dec. 10. | Dec. 10 |
| Jan. 12 | Toronto, Ont. | Nov. 12 |
| Jan. 21 | Auckland, New Zealand | Nov. 26 |

### SEWERS

| | | |
|---|---|---|
| Dec. 15 | Westwood, N. J. | Dec. 10 |
| Dec. 16 | Holland, Mich. | Nov. 19 |
| Dec. 16 | Clinton, Tenn. | Dec. 10 |
| Dec. 17 | Long Island City, N. Y. | Dec. 10 |
| Dec. 18 | Abilene, Tex. Adv. Dec. 10. | Dec. 10 |
| Dec. 21 | Little Falls, N. J. | Nov. 26 |

### BRIDGES

| | | |
|---|---|---|
| Dec. 11 | Ohio | Dec. 10 |
| Dec. 14 | Piedmont, Okla. | Dec. 10 |
| Dec. 15 | South Carolina | Nov. 19 |
| Dec. 15 | Colorado | Dec. 10 |
| Dec. 17 | Boston, Mass. | Dec. 10 |
| Dec. 17 | New Orleans, La. Adv. Dec. 10. | Dec. 10 |
| Dec. 17 | Rockford, Ill. Adv. Dec. 3 and 10. | Dec. 3 |
| Dec. 21 | Oswego, Kan. | Dec. 10 |
| Dec. 22 | North Carolina Adv. Dec. 3 and 10. | Nov. 26 |
| Dec. 28 | New York, N. Y. | Dec. 10 |
| Jan. 4 | Mobile, Ala. | Nov. 19 |
| Jan. 4 | Angonia, Kan. | Dec. 10 |
| Jan. 5 | St. Louis, Mo. | Dec. 10 |
| Jan. 7 | Coffeyville, Kan. | Dec. 10 |
| Jan. 9 | Lane, Kan. | Dec. 10 |

### EXCAVATION, DRAINAGE IRRIGATION, LEVEES RIVER AND HARBOR

| | | |
|---|---|---|
| Dec. 15 | Richmond, Ind. | Nov. 26 |
| Dec. 15 | Mobile, Ala. | Oct. 22 |
| Dec. 15 | Jonesboro, Ark. | Nov. 19 |
| Dec. 15 | Trenton, N. J. | Dec. 3 |
| Dec. 16 | Danville, Ill. | Dec. 10 |
| Dec. 16 | Milwaukee, Wis. | Dec. 10 |
| Dec. 21 | Birmingham, Ala. | Dec. 3 |
| Jan. 1 | Brownsville, Tex. | Oct. 1 |
| Jan. 5 | Illinois Adv. Dec. 10. | Dec. 10 |
| Jan. 6 | Shreveport, La. | Dec. 10 |

### STREETS AND ROADS

| | | |
|---|---|---|
| Dec. 14 | Seneca, Kan. | Dec. 3 |
| Dec. 14 | Miami, Fla. | Dec. 3 |
| Dec. 14 | Charleroi, Pa. | Dec. 10 |
| Dec. 15 | Louisiana | Dec. 3 |
| Dec. 15 | Tampa, Fla. | Nov. 12 |
| Dec. 15 | Colorado | Dec. 10 |
| Dec. 15 | Albany, Tex. | Dec. 10 |
| Dec. 15 | Wilmington, N. C. | Dec. 3 |
| Dec. 15 | Kosciusko, Miss. | Dec. 10 |
| Dec. 15 | Massachusetts | Dec. 10 |
| Dec. 16 | Caruthersville, Mo. | Dec. 10 |
| Dec. 16 | Angleton, Texas | Nov. 19 |
| Dec. 16 | Delaware | Dec. 3 |
| Dec. 16 | Willman, Minn. | Dec. 3 |
| Dec. 16 | Angleton, Tex. | Dec. 3 |
| Dec. 17 | Olathe, Kan. | Dec. 3 |
| Dec. 17 | Ventura, Fla. | Dec. 3 |
| Dec. 17 | Michigan | Dec. 10 |
| Dec. 17 | Long Island City, N. Y. | Dec. 10 |
| Dec. 18 | New York Adv. Dec. 3 and 10. | Dec. 3 |
| Dec. 18 | Galveston, Tex. | Dec. 3 |
| Dec. 18 | Michigan | Dec. 10 |
| Dec. 19 | Springfield, O. | Dec. 3 |
| Dec. 21 | Bradenton, Fla. | Dec. 3 |
| Dec. 21 | California | Dec. 3 |
| Dec. 21 | Holdrege, Neb. | Dec. 3 |
| Dec. 21 | Michigan | Dec. 10 |
| Dec. 21 | San Diego, Calif. | Dec. 10 |
| Dec. 22 | Santa Cruz, Calif. | Dec. 10 |
| Dec. 22 | Louisiana | Dec. 3 |
| Dec. 22 | Russell, Kan. | Dec. 3 |
| Dec. 23 | Gretna, La. | Nov. 26 |
| Dec. 23 | Alabama | Dec. 3 |
| Dec. 23 | Alabama | Dec. 10 |
| Dec. 29 | Junction City, Kan. | Dec. 3 |
| Dec. 30 | Belleville, Kan. | Dec. 3 |
| Jan. 1 | Birmingham, Ala. | Dec. 3 |
| Jan. 4 | Wellington, Kan. | Dec. 3 |
| Jan. 5 | Garden City, Kan. | Dec. 3 |
| Jan. 5 | Vicksburg, Miss. Adv. Dec. 3 and 10. | Dec. 3 |
| Jan. 5 | Vero Beach, Fla. Adv. Dec. 10. | Dec. 10 |
| Jan. 6 | Florida Adv. Dec. 10. | Dec. 10 |
| Jan. 8 | Harvard, Kan. | Dec. 10 |

### BUILDINGS—INDUSTRIAL

| | | |
|---|---|---|
| Dec. 14 | Baltimore, Md. | Dec. 3 |

### BUILDINGS—COMMERCIAL

| | | |
|---|---|---|
| Dec. 14 | Hopkins, Minn. | Dec. 3 |
| Dec. 15 | St. Louis, Mo. | Dec. 10 |
| Dec. 15 | Wash., D. C. | Dec. 10 |
| Dec. 15 | San Antonio, Tex. | Dec. 10 |
| Dec. 18 | Steelton, Pa. Adv. Dec. 10. | Dec. 10 |
| Dec. 19 | Miami Beach, Fla. | Dec. 10 |
| Dec. 21 | San Diego, Calif. | Dec. 10 |
| Dec. 22 | New Orleans, La. | Dec. 10 |
| Dec. 22 | St. Louis, Mo. | Nov. 26 |
| Jan. 1 | Chicago, Ill. | Nov. 19 |
| Jan. 4 | Pasadena, Calif. | Dec. 10 |
| Jan. 10 | Duluth, Minn. | Oct. 29 |

### BUILDINGS—EDUCATIONAL, RELIGIOUS

| | | |
|---|---|---|
| Dec. 12 | Detroit, Mich. | Dec. 10 |
| Dec. 14 | Memphis, Tenn. | Dec. 3 |
| Dec. 15 | Chicago, Ill. | Nov. 26 |
| Dec. 15 | Pittsburgh, Pa. | Dec. 3 |
| Dec. 15 | Charlestown, Mass. | Dec. 10 |
| Dec. 16 | San Antonio, Tex. | Dec. 3 |
| Dec. 16 | Cleveland, O. | Dec. 10 |
| Dec. 17 | Overbrook (Phila. P. O.), Pa. | Dec. 10 |
| Dec. 19 | Springfield, O. | Dec. 3 |
| Dec. 21 | Cincinnati, O. | Dec. 10 |
| Dec. 21 | Jackson, Mich. | Dec. 10 |
| Jan. 1 | Wash., D. C. | Dec. 10 |
| Jan. 11 | Johnstown, Pa. | Dec. 3 |

### FEDERAL GOVERNMENT WORK

| | | |
|---|---|---|
| Dec. 12 | Cable, etc.—Wash., D. C. | Dec. 3 |
| Dec. 12 | Pump—New York, N. Y. | Dec. 10 |
| Dec. 16 | Bridges—Norfolk, Va. | Nov. 19 |
| Dec. 16 | Deck and Roof—Guantanamo, Cuba | Nov. 26 |
| Dec. 16 | Fence and Gates—Pearl Harbor, T. H. Adv. Dec. 10. | Dec. 10 |
| Dec. 19 | Dredging, etc.—New York, N. Y. Adv. Nov. 19 to Dec. 10. | Nov. 19 |
| Dec. 19 | Dredging Pipe—Norfolk, Va. | Dec. 3 |
| Dec. 21 | Dredging—Honolulu, T. H. | Oct. 29 |
| Dec. 21 | Barges—Wash., D. C. | Dec. 3 |
| Dec. 21 | Metal Work—Louisville, Ky. Adv. Dec. 3 and 10. | Dec. 3 |
| Dec. 22 | Administration — Atlanta, Ga. Adv. Nov. 26 to Dec. 10. | Nov. 26 |
| Dec. 22 | Administration, etc.—Wash. D. C. Adv. Nov. 26 to Dec. 10. | Nov. 26 |
| Dec. 22 | Remodeling—Jamestown, N. Y. | Dec. 10 |
| Dec. 23 | Post Office, etc.—Los Angeles, Calif. | Dec. 3 |
| Dec. 23 | Pipe Line Dredge—Norfolk, Va. Adv. Dec. 10. | Dec. 10 |
| Dec. 28 | Beartrap Leaves—Louisville, Ky. Adv. Dec. 3 and 10. | Dec. 3 |
| Dec. 28 | Post Office — Lansing, Mich. | Dec. 10 |
| Dec. 28 | Remodeling — Savannah, Ga. | Dec. 10 |
| Dec. 29 | Extensions — Concord, N. H. | Dec. 10 |
| Dec. 30 | Dredging Sleeves — Phila., Pa. | Dec. 10 |
| Jan. 2 | Hull—Vicksburg, Miss. Adv. Dec. 3 and 10. | Dec. 3 |
| Jan. 7 | Bridge—Wash., D. C. Adv. Nov. 26 to Dec. 10. | Nov. 26 |
| Jan. 18 | Hospital—Soldiers Home (br. Sawtelle P. O.), Calif. | Nov. 26 |
| Jan. 19 | Cruiser, etc.—Wash., D. C. | Nov. 19 |

### UNCLASSIFIED

| | | |
|---|---|---|
| Dec. 14 | Ash Handling Equipment — Detroit, Mich. | Dec. 10 |
| Dec. 14 | Platform Extension—Brooklyn, N. Y. | Dec. 10 |
| Dec. 15 | Cable—New York, N. Y. | Nov. 19 |
| Dec. 15 | Street Lighting — St. Louis, Mo. | Nov. 19 |
| Dec. 15 | Boardwalk—Cape May, N. J. | Nov. 26 |
| Dec. 15 | Ventilating Building—New Jersey | Dec. 3 |
| Dec. 16 | Vehicular Tunnel — Pittsburgh, Pa. | Dec. 3 |
| Dec. 16 | Transit Shed—San Pedro, Calif. | Dec. 3 |
| Dec. 17 | Borings — New Orleans, La. Adv. Dec. 3 and 10. | Dec. 10 |
| Dec. 17 | Bulkhead — New York, N. Y. | Dec. 10 |
| Dec. 18 | Special Work—New York, N. Y. | Dec. 10 |
| Dec. 22 | Heating, Plumbing, etc. — Chicago, Ill. | Dec. 10 |
| Dec. 23 | Generator — Brooklyn, N. Y. | Nov. 26 |
| Jan. 6 | Heating System, etc.—Utica, N. Y. Adv. Dec. 10. | Dec. 10 |
| Jan. 6 | Sanitary Work—Middletown, N. Y. Adv. Dec. 10. | Dec. 10 |
| Jan. 26 | Circuit Breakers, etc.—Wellington, New Zealand | Nov. 26 |
| Feb. 16 | Circuit Breakers—Auckland, New Zealand | Dec. 10 |

### MATERIALS

| | | |
|---|---|---|
| Dec. 15 | Sewer Pipe, Paving Blocks, etc.—Minneapolis, Minn. | Dec. 10 |
| Dec. 17 | Broken Stone—Long Island City, N. Y. | Dec. 10 |
| Dec. 18 | Cement—Missouri | Dec. 10 |

**Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.**

## Waterworks

### PROPOSED WORK

**N. J., Allenhurst** — Boro plans 300 gal. pump and motor for pumping station. $5,000. M. D. Pyle, boro clk.

**N. J., East Paterson** — Boro takes bids about Feb. 15, water distributing system. $200,000. H. J. Harder, 127 Market St., Paterson, N. J., engr. Noted Jan. 20.

**N. C., Hendersonville** — Plans to issue $200,000 bonds extending waterworks and sewerage systems.

**Fla., Crystal River**—Voted $48,000 bonds, waterworks.

**Miss., Lula**—Plans to issue $18,000 bonds, new waterworks. T. C. Crawford, city clk.

**Tenn., Kingsport**—Election Dec. 12, $300,000 bonds, waterworks.

**O., Bedford**—See "Sewers."

**Mich., Detroit**—Bd. Water Comn. plans laying 11,815 ft. 6 in. mains in Murray Hill, Piedmont, Alma, Sioux, Appaline, Fordham, Steel, Ward, Washburn, Gable and Carlisle Aves.; 16,500 ft. 8 in. in Bassett, Lauder, Freud, Manning, Cathedral, Bernard and Horger Aves.; 2,610 ft. 12 in. pipe in Lyndon Ave. G. H. Fenkell, 176 East Jefferson Ave., genl. mgr.

**Ill., Decatur** — Voted $311,000 bonds, extending waterworks and electric light plant, also constructing city hall and additional firehouses.

**Ill., Springfield** — Water Dept. making plans approximately 3 mi. 24 in. trunk line

**Ill., Chicago**—Bids for meters opened Nov. 16 on 3,500 ⅝ x ¾ in. meters with ¾-in. couplings, 4,000 1-in. meters with couplings, 240 1½-in. and 170 2-in. were as follows:

| | ⅝x¾ in. | 1 in. | 1½ in. | 2 in. |
|---|---|---|---|---|
| Thomson Meter Company | $9.67 | $20.79 | $36.00 | $54.00 |
| Hersey Mfg. Company, H.F. | 9.67 | H.F. 20.79 | H.D. 36.00 | H.D. 54.00 |
| Pittsburgh Meter Company—Arc | 9.67 | 20.79 | 36.00 | 54.00 |
| Neptune Meter Company | 9.67 | 20.79 | 37.80 | 56.70 |
| National Meter Company | 9.65 | 18.90 | 36.00 | 54.00 |
| Buffalo Meter Company, A.B. | 8.77 | 18.80 | 36.00 | 54.00 |
| Badger Meter Company | 8.05 | 16.40 | 30.10 | 44.30 |
| Gannon Meter Company | 7.25 | 15.00 | 29.40 | 42.15 |

Waterworks (Continued)

main 8th St. and North Grand Ave. to Walnut and Laurel Sts. $150,000. W. Seelet, city engr.

**Wis., Wauwatosa** — A. Hebbring, supt. Waterworks Dept., purchased site at 2nd Ave. and Wright St. and plans new pumping station and well on same. To exceed $15,000. J. E. Lowther, City Hall, engr.

**Kan., Colby**—Making preliminary plans improving waterworks and sewerage systems. $15,000.

**Kan., Winchester**—Plans election $33,000 bonds, new waterworks. E. T. Archer & Co., 609 New England Bank Bldg., Kansas City, Mo., engrs.

**Neb., Humboldt** — Election soon $500,000 bonds, waterworks.

**Mo., Crane** — Election Dec. 15, $52,000 bonds, waterworks. Russell & Avon, McDaniels Bldg., Springfield, engrs. Noted July 23.

**Mo., Sweet Springs** — Defeated $65,000 bonds, waterworks and distribution system. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, engrs. Noted Nov. 19.

**Ark., Booneville** — Making preliminary plans waterworks in new improvement district, $40,000. Engineer not selected.

**Tex., Ft. Worth**—Voted $3,300,000 bonds waterworks and sewer extensions. O. E. Carr, city mgr. Noted Nov. 12.

**Tex., Luling**—Texas Central Power Co., A. B. Sawyer, Cuero, dist. mgr., making preliminary plans drilling deep wells or constructing filtration plant, here. $25,000 or more.

**Tex., Port Arthur**—Cancelled bids which were to be opened Dec. 10, water reservoir. $100,000. J. O. Herpin, Port Arthur, engr. Noted Dec. 3.

**Okla., Bartlesville**—See "Unclassified."

**Okla., Collinsville**—Voted $22,300 bonds, repairing pumping plant. Holway Eng. Co., 505 New Wright Bldg., Tulsa, engrs. Noted Sept. 17.

**Okla., Marble City**—Making preliminary plans new waterworks, incl. well, mains, tank, etc. $30,000. H. T. Mooney, mayor. Engineer not selected.

**Calif., Alhambra**—Making plans 5 m.g. concrete reservoir and 16 in. meter conduit connecting city, 26 in. diam. deep well, pumping house, etc.; constructing several mi. 4- to 16-in. c.i. mains; and 1 m.g. concrete reservoir connecting city by installation of 1¾ mi. 16 in. riveted steel pipe line. T. B. Downer, ch. engr. Water Dept.

**Calif., Ontario** — Voted $175,000 bonds, extending and improving waterworks, 10 m.g. reservoir, drilling wells, etc. O. S. Roen, city water supt. Noted Nov. 5.

**Calif., Riverside** — Voted $258,000 bonds, transmission line to new eservoir, and extending mains in various streets.

**Calif., Taft**—Western Water Co. plans adequate water supply for Rio Bravo Dist. and West Oil Fields. $250,000.

**Calif., Whittier** — Made plans 300,000 gal. reservoir and 4- to 8-in. pipe trenches for distributing system, for College Hill Dist. $21,500. M. R. Bowen, city engr.

### BIDS DESIRED

**N. Y., Long Island City**—Dec. 11, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in 22nd Dr., 22nd Rd., Barnett and Packard Sts., Hopkins, Middleburg, and Washington Aves., 1st Ward; Catalpa, 43rd and 60th Aves., Van Horn and Vincent Sts., 2nd Ward; 38th Ave., 45th Dr., 150th and 213th Sts., 3rd Ward.

**N. Y., New York** — Dec. 11, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., 48 in. steel pipe line from Milburn pumping station to 72 in. line, at Baldwin.

**Tenn., Clinton**—Dec. 16, by C. S. Kincaid, chn. Construction Committee, waterworks system, incl. 45,300 ft. 2- to 8-in. pipe, 5 hydrants, valves, gates, etc. C. Wallace, Empire Bldg., Knoxville, civil and consult. engr. Noted Aug. 27.

**Mo., Buffalo**—Dec. 14, by E. C. Miller, city clk., 500 ft. well, 24,798 ft. 2- to 8-in. c.i. and 8,238 ft. 2 in. galvanized wrought iron pipe, 11,560 lb. lead, 318 lb. jute, etc. Russell & Axon, McDaniel Bldg., Springfield, engrs. Noted Oct. 15.

**Tex., Abilene**—Dec. 18, by City Comn., concrete work in connection with water purification plant, also 1,032 tons 6- to 10-in. c.i. pipe and fittings. O. K. Hobbs, city engr.; adv. E. N.-R. Dec. 10.

### BIDS RECEIVED

**N. Y., New York** — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., Dec. 4, watermains in Andrews, Boyton, Bronx River, Edson, Elder Sts., etc., Bronx Boro, from Riverdale Water Works, 355 East 113th St., $26,722. Noted Nov. 16.

**Calif., Newport Beach**—For 3 m.g. rein.-con. reservoir, from Stroud Bros. & Seabrook, Vista, approximately $30,000; c.i. watermains, laterals, fire hydrants, gate valves, fittings, etc., from L. R. Weber, Santa Monica, $157,548; wood-stave pipe and fittings, from Pacific Tank & Pipe Co., 4820 Santa Fe Ave., Los Angeles, $61,248.

### CONTRACTS AWARDED

**N. Y., Brooklyn** — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Bedford, Howard, Washington Aves., etc., to Norton & Rigney, 137th St., Jamaica, $12,390. Noted Nov. 19.

**Miss., Gulfport**—See "Streets and Roads."

**Tex., Loraine** — Waterworks improvements incl. 50,000 gal. tank on 100 ft. tower, 10 in. drill well, distribution system, etc., to J. B. Winslett, 1001½ Main St., Dallas. $29,500. Engrs. est. $30,000.

**Calif., Antioch**—City Trustees, earth fill dams, to E. P. Easley, Antioch, $20,775; 15,000 lin.ft. 14 in. riveted steel pipe line, to Western Pipe & Steel Co., 444 Market St., San Francisco, $20,675. Noted Nov. 12.

**Calif., Paso Robles**—City Council, 3 m.g. concrete Gunite lined reservoir, also 7,000 lin.ft. 10 in. centrifugal c.i., and 3,040 lin. ft. 6 in. McWane pre-caulked c.i. pipe, gate valves, fittings, etc., to J. F. Shephardson, Bakersfield, $16,584 and $21,441 respectively. Noted Nov. 26.

## Sewers

### PROPOSED WORK

**N. C., Hendersonville**—See "Waterworks."

**Fla., Crystal River**—Voted $48,000 bonds, sanitary sewers in various streets.

**Fla., Miami**—Making plans 6,400 ft. 10- to 36-in. vitr. clay sewers, etc. in Bayshore Dr., 2nd Ave., Flagler, 1st and 2nd Sts., in Bay Shore Dist. C. S. Nichols, Miami, engr.

**La., Bunkie**—Plans election $110,000 bonds for sewerage system and disposal works. H. A. Mentz, Citizens Natl. Bank Bldg., Hammond, consult. engr.

**Tenn., Knoxville** — See "Streets and Roads."

**O., Akron**—W. F. Peters, dir. Pub. Serv., takes bids early in 1926, 33 m.g. sewage disposal plant, detritus tanks, trickling filters, humas tanks and sludge drying beds. $3,000,000. J. E. Root, 3rd floor Delaware Bldg., engr.

**O., Bedford**—R. J. Norris Co., Real Estate, Hanna Bldg., Cleveland, making plans sewers, water mains and sidewalks on Bedford and Warrensville Center Rds. here. F. A. Pease Eng. Co., Marshall Bldg., Cleveland engrs.

**O., Willoughby**—Bd. Comrs. Lake Co. made preliminary plans sewage treatment plant. $250,000. R. F. MacDowell, 1770 East 11th St., Cleveland, engr.

**Mich., Detroit**—Made plans 1,171 ft. 12- to 18-in. vitr. crock sewer Lateral 4288, 4,643 ft. 12 and 13 in. in Lateral 4515, 1,161 lin.ft. 10- to 18-in. in Lateral 4520, 3,610 lin.ft. 12- to 20-in. in Lateral 4521 and 990 lin.ft. 12- to 18-in. in Lateral 4528. P. A. Fellows, City Hall, engr.

**Ia., Pella**—A. C. Kuyper, city clk., City Hall, takes bids about Dec. 12, 3,140 ft. 10 in. and 20,684 ft. 8 in. vitr. clay and 300 ft. 8 in. c.i. sewers, etc., in various streets.

**Kan., Colby**—See "Waterworks."

**Mo., Macon**—Rejected bids improving sewers in various streets. W. B. Rollins & Co., 521 Ry. Exch. Bldg., Kansas City, engr. Noted Oct. 29.

**Mo., Sweet Springs** — Defeated $65,000 bonds, sewers in various streets. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, engrs. Noted Nov. 19.

**Ark., Searcy**—Making preliminary plans extending 3 mi. sewers in Sewer Dist. 5. To exceed $25,000. Engineer not announced.

**Tex., Ft. Worth**—See "Waterworks."

**Tex., Marlin** — Voted $38,000 bonds improving sewers and disposal plant. Address G. L. Hutchings, Marlin, secy.

**Tex., Wellington**—Election Dec. 22, $65,000 bonds, 7 mi. sanitary sewers in all streets. Engineer not announced.

**Okla., Bartlesville**—See "Unclassified."

**Wash., Walla Walla**—Making preliminary plans sewage treatment plant. Pearce, Greeley & Hansen Co., 6 North Michigan Ave., Chicago, Ill., engrs.

**Calif., Fresno** — Made plans concrete sewers, etc., in portions of Inyo, Mono Aves., etc. To exceed $25,000. A. M. Jensen, city engr.

**Calif., Livermore**—Made plans 2,500 lin. ft. sewer outlet and sewage disposal system. To exceed $25,000. G. A. Posey, Courthouse, Oakland, engr.

**Calif., Long Beach**—Rejected bids sewer in Esther St. (Pump Dist. 8), 53,155 ft. 8 in. pipe and 16,777 ft. 10- to 18-in. cement pipe, etc. Noted Dec. 3.

**Calif., Los Angeles**—Made plans Sect. 2 of Arroyo de la Sacatella storm drainage system, 1,059 ft. 10 ft. x 7 ft. 6 in. and 1,493 ft. 9 ft. x 6 ft. 6 in. rein.-con. storm drain, 14,748 ft. 48- to 96-in. concrete storm drain and 44,947 ft. 12- to 69-in. rein.-con. pipe. J. C. Shaw, city engr. Noted Apr. 2.

**Calif., Los Angeles** — Bd. Pub. Wks. takes bids about Dec. 17, storm drains, sewers, etc., in Prospect, Central, Kester, Woodman and Flora Aves. To exceed $25,000. J. C. Shaw, City Hall, engr.

**Calif., Orcutt** — Orcutt Sanitary Dist. plans election $31,000 bonds, sewerage system. Burch & Beck, Commercial Bank Bldg., San Luis Obispo, engr.

**Ont., Forest Hill**—Making plans rein.-con. sewage disposal plant. James Proctor & Redfern, 36 Toronto St., Toronto, engrs.

**Ont., Toronto**—East York Twp. plans 1,875 ft. 12- to 42-in. sanitary and trunk sewers in Barker, Gledhill, and Cunard Aves. $49,864. G. R. Jack, Sammon Ave. Municipal Yard, engr.

**Ont., Toronto** — East York Twp. plans vitr. clay sewers in Cunard Ave. $3,604, Dentonio Park Ave. $7,649, Espsom Ave. $8,690, and 925 ft. Gatwick Ave. $8,690. Work involves 2,995 ft. 12 and 15 in. pipe. G. R. Jack, Sammon Ave. Municial Yard, Toronto, engr.

**Ont., Toronto**—York Twp. making plans 8,500 lin.ft. 8- to 15-in. vitr. clay sewers in Kiele St. and Trowell Ave. $44,260. F. B. Goedike, 40 Jarvis St., engr.

**Ont., Toronto** — York Twp. soon takes bids combined trunk and service sewers 1,750 ft. Weston Rd., 1,070 ft. Dennis Ave., 1,400 ft. Guestville Ave., 1,400 ft. Lambton Ave., and 5,275 ft. service sewer in Western Rd., $151,660; 600 ft. service sewer in Arlington Ave. $2,850 and 2,300 ft. Kane Ave. $14,756. F. B. Goedike, 40 Jarvis St., engr.

### BIDS DESIRED

**N. Y., Long Island City**—Dec. 17, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sewer, etc., in Mary St.; sanitary sewers, etc., in 87th Ave., 135th and 136th Sts.

**N. J., Westwood** — Dec. 15, by Mayor and Boro Council, sewage treatment works. T. F. Bowe, 110 Williams St., New York City, consult. engr.

**Tenn., Clinton**—Dec. 16, by C. S. Kincaid, chn. Construction Committee, sewerage system, incl. 39,750 ft. 6- to 10-in. pipe, 138 manholes, 11 flush tanks, etc. C. Wallace, Empire Bldg., Knoxville, civil and consult. engr. Noted Aug. 27.

**Tex., Abilene**—Dec. 18, by City Comn., 36,530 ft. 8- to 24-in. mains and septic tank. O. K. Hobbs, city engr.; adv. E. N.-R. Dec. 10. Noted Nov. 26.

### BIDS RECEIVED

**N. Y., New York** — See "Streets and Roads."

**Mich., Detroit** — Dept. Pub. Wks., Nov. 30, rein.-con. pump pit, etc., for Lonyo Road Pumping Station, Lonyo Rd. from Cooper Widenmann Constr. Co., 4612 Woodward Ave., $34,850. Noted Sept. 24.

### CONTRACTS AWARDED

**Mass., Boston**—Metropolitan Dist. Comn., 1 Ashburton Pl., about 5,058 lin.ft. 20 and 24 in. Akron pipe sewer in Sect. 79, Mill Brook Valley and branch line in Arlington, to A. Cefalo, 316 Belgrade Ave., Rosindale, $43,265.

**Mass., Lynn** — Sewerage and pumping equipment incl. two 10,500 g.p.m. and two 21,000 g.p.m. units, to Starkweather & Broadhurst, 79 Milk St., Boston.

**Conn., Hamden** (br. New Haven) — Sewer Comrs., Town Hall, sewage pumping station at Whitney Ave. and Armory St., to Immick Co., State St., Meriden. Engrs. est. $30,000. Noted Nov. 19.

**Conn., New Haven**—City, City Hall, storm sewers and appurtenances in Forest Rd.,

Sewers (Continued)

Central, Yale and Alston Aves., Tyron, Fountain and Barnett Sts., to A. W. Bryne, 79 Linnmoore St., Hartford, $8,426, and to Clark-Barone Co., 685 Oak St., $21,979. Engrs. est. $50,000. Noted Nov. 19.

**N. Y., Brooklyn** — J. A. Guider, boro pres., Boro Hall, **(e. e. means engineers estimate)**, sewers in Linden Ave. and Avenue J, to Tomassatti & Co., 1133 60th St., 74% e. e. $11,699 and 78.78% e. e. $2,700 respectively; in Eastern Parkway and 58th St.; to Gaspare & Ferianti, 568 18th St. 85% e. e. $6,085 and 73% e. e. $4,701 respectively; in Stillwell Ave. and Fort Hamilton Parkway, to Nazarro & Guerriero, West 9th St., 71% e. e. $2,427 and 71% e. e. $2,050 respectively; in Johnson Ave., to R. Iovino, 75% e. e. $800. Noted Dec. 3.

**N. Y., Long Island City**—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sewers in 47th St., to C. Petracca, 737 Kathleen Court, Brooklyn, $6,411; in 51st St., to Greenough Coppinger, 9301 86th Rd., Woodhaven, $3,743; and in 121st St., to D. A. Gross, 8515 Fulton St., Woodhaven, $5,268. Grand total $17,758. Noted Dec. 3.

**Md., Baltimore** — Storm water sewers listed in Storm Water Contr. 87, to Catalana & Picora Co., Knickerbocker Bldg., $117,679. Noted Dec. 3.

**Mich., Detroit**—Dept. Pub. Wks., to Davis & Poupore, Detroit, 2,090 ft. 3½ ft. cylinder and 18 in. crock and 156 ft. 15 in. crock in State Fair Ave. Arm, Gallagher Ave. Sewer in State Fair Ave. $27,064, 1,753 lin.ft. 6 ft. brick and concrete in Gallagher Ave. Arm, Seven Mile Rd. Sewer $33,152, and 2,455 lin.ft. 3- to 4-ft. concrete and brick cylinder in Winchester Ave. Arm, Gallagher Ave. sewer $38,763; to A. Rossi, 5307 Pennsylvania Ave., 2,635 ft. 28 1/6 x 4 ft. egg shaped brick sewer in Lyndon Ave. Arm, Lyndon Ave. $33,996; to R. D. Baker, 1631 Elmhurst Ave., 2,671 ft. 5½- to 3½-ft. cylinder with 4 ft. bellmouth section, in Six Mile Rd. Sewer Sect. 10, in Six Mile Rd., $57,658; to J. A. Mercier Co., 616 Hammond Bldg., 2,653 ft. 5 ft.- to 2¾x3¾ ft. egg shaped concrete and brick in Houston Ave. Arm, W., Ashland Ave. Sewer, $39,949; to W. Blanck Co., 40 Seven Mile Rd. E., 1,427 ft. 4½- to 10-ft. sewer in Seven Mile Rd., Ashland Ave. Sewer, Seven Mile Rd., $79,070. Grand total $309,652. Noted Nov. 12.

**Calif., Dos Palos**—Dos Palos Sanitary Dist., vitr. main sanitary outfall and complete pumping station, to E. K. Angle, Dos Palos, $26,827. Noted Nov. 26.

**Calif., Los Angeles**—For Sect. 36, North Outfall Sewer, to C. E. Green, Western Mutual Life Bldg., $137,571. Noted Sept. 10.

**Calif., Los Angeles**—To L. Massa, P. O. Box 453, Bell, sewers in 64th St. between West Blvd. and Alviso Ave., etc., cement sewer complete $35,981, 20,738 ft. house sewers $0.77 per ft., total approximately $51,949.

**Calif., Pomona** — Sludge sewage treatment plant, to Oberg Bros., 3470 Hollenbeck Ave., Los Angeles, $94,358. Noted Nov. 19.

## Waste Disposal

### PROPOSED WORK

**Wis., Appleton** — City, E. L. Williams, clk., plans garbage disposal plant. $25,000. Engineer not selected.

**Argentina, Buenos Aires** — Municipal Council plans 5 incinerators, in various part of city.

## Bridges

### PROPOSED WORK

**Mass., Cambridge** (Boston P. O.)—Harvard University making plans concrete and steel memorial foot bridge over Charles River connecting Harvard University and Harvard Business School. $200,000. Metropolitan Dist. Comn., 1 Ashburton Pl., Boston, engrs. McKim, Mead & White, 101 Park Ave., New York City, archts.

**Va., Occoquan**—See "Streets and Roads under Virginia."

**Florida**—See "Streets and Roads."

**Tenn., Shelbyville** — State Dept. Highways & Pub. Wks., Nashville, making surveys bridge over Duck River, near here, Bedford Co. C. N. Bass, Nashville, acting comr.

**Wis., Kenosha**—See "Streets and Roads."

**Ark., Dardanelle**—State Hy. Dept., Little Rock, Yell Co. (Dardanelle) and Pope Co. (Russellville), soon take bids 2,600 ft. concrete and steel bridge, 30 ft. wide and 56 ft. high from low water mark, over Arkansas River, here. $600,000. R. C. Limerick, highway engr. Noted June 25.

**Tex., Baird**—See "Streets and Roads."

**Tex., Clairemont** — See "Streets and Roads."

**Tex., Eastland**—See "Streets and Roads."

**Tex., Floresville** — See "Streets and Roads."

**Tex., Graham**—See "Streets and Roads."

**Tex., Karnes City** — See "Streets and Roads."

**Tex., Pittsburg** — See "Streets and Roads."

### BIDS DESIRED

**Mass., Boston** — Dec. 17, by Dept. Pub. Wks., steel and concrete electric ferry bridge, at North Ferry. $60,000 bonds. J. A. Rourke, comr.

**N. Y., New York** — Dec. 28, by W. W. Mills, comr. Dept. Plant & Structures, Municipal Bldg., reconstructing High Bridge over Harlem River, between Manhattan and Bronx Boros. Noted Dec. 3.

**Florida**—See "Streets and Roads."

**Fla., Vero Beach** — See "Streets and Roads."

**Miss., Kosciusko** — See "Streets and Roads."

**Ohio**—Dec. 11, by Dept. Highways & Pub. Wks., Columbus, steel bridge on Sect. "J," Hambden-Andover Rd., Ashtabula Co., $28,858; culverts at Sta. 3 and Sta. 4, Sect. "K," Gallipolis-Pomeroy Rd., Gallia Co., $15,788 and $7,864 respectively; bridge and culverts on Sect. "K-1," Jackson-McArthur Rd., Jackson Co., $24,107; painting and cleaning structural steel bridge, Sect. "Muskingum River Bridge," Ohio River Rd., Washington Co., $5,650. G. S. Schlesinger, highway engr.

**La., New Orleans**—Dec. 17, by Pub. Belt R.R. Comn., Municipal Bldg., test borings for Mississippi River Bridge, 2 mi. above city limits; adv. E. N.-R. Dec. 10.

**Kan., Angonia**—Jan. 4, by Clerk Sumner Co., twenty-seven 20 ft. concrete slab bridges and two 80 ft. spans truss bridge near here, Federal Aid Project 323-B. H. A. Marshall, 111 Topeka St., Topeka, engr.

**Kan., Coffeyville**—Jan. 7, by Clerk Montgomery Co., two 80 ft. and one 120 ft. spans, concrete arch bridge on Federal Aid Project 332-A. Marsh Eng. Co., 205 Masonic Temple, Des Moines, Ia., engr.

**Kan., Lane**—Jan. 9, by Clerk Franklin Co., (Ottawa), one 136 ft. and two 68 ft. spans, steel truss bridge on Federal Aid Project 304-B, near here. E. C. L. Wagoner, Kemper Bldg., Kansas City, Mo., engr.

**Kan., Oswego**—Dec. 21 (extended date), by E. E. Barker, clk. Labette Co., Neosho River Bridge, two 120 ft. and one 140 ft. thru arch spans, 970 cu.yd. dry, 1,115 cu.yd. wet and 203 cu.yd. rock excav., 107,074 lb. reinforcing and 93,100 lb. structural steel, etc., $90,000, and Hickory Creek Bridge, one 120 ft. thru arch span, 1,009 cu.yd. dry, 314 cu.yd. wet and 90 cu.yd. rock excav., 46,338 lb. reinforcing and 24,766 lb. structural steel, etc., both on Parsons-Pittsburg Rd., Federal Aid Project 214-C, $28,000. Marsh Eng. Co., 205 Masonic Temple, Des Moines, Ia., designers, H. K. Shidler, Oswego, co. engr. Noted Dec. 3.

**Mo., St. Louis**—Jan. 5, by Bd. Pub. Serv., 208 City Hall, 3 span, 135 ft. rein.-con. bridge over River Des Peres, at Southwest Ave. $33,800. L. R. Bowen, 301 City Hall, engr. Noted Sept. 24.

**Okla., Piedmont**—Dec. 14, by W. A. Jackson, clk. Oklahoma Co., 3 span 66 ft. rein.-con. bridge, 1,610 cu.yd. concrete, 15.6 tons reinforcing, etc. $31,000. R. James, Court House, engr.

**Colorado**—Dec. 15, by State Hy. Dept., Denver, eight timber bridges and metal culvert on State Rd. 4, State Project 546, Teller Co.; timber bridge over Cat Creek, on State Project 524, Baca Co., 1,000 cu.yd. common excav.; concrete bridge and paved approaches over the Chicago, Rock Island & Pacific R.R. tracks on Nevada Ave., on Federal Aid 276, El Paso Co., 1,000 cu.yd. common and 6,500 cu.yd. borrow excav., 1,250 sq.yd. concrete paving and 185,800 lb. reinforcing. L. D. Blauvelt, State Office Bldg., Denver, engr.

### BIDS RECEIVED

**N. Y., Yonkers**—Bronx Parkway Comn., 72 West Pondfield Rd., Bronxville, Bronx River Parkway Dr. Bridge 6, stone and rein.-con. over Bronx River Parkway Dr. at Yonkers Ave., here, from Fox-Reynolds Co., Inc., 81 East 125th St., New York City, $115,830. Noted Nov. 19.

**Ill., Chicago**—City, Room 406, City Hall, Nov. 27, superstructure for 2 span, 173 ft. double leaf trunnion bascule bridge, 64 ft., 38 ft. roadway, etc., over south branch Chicago River, at West Adams St., from Strobell Steel Constr. Co., 53 West Jackson Blvd., $438,408. Noted Nov. 12.

**Tex., Ft. Worth** — See "Streets and Roads."

### CONTRACTS AWARDED

**Va., Fredericksburg**—Richmond, Fredericksburg & Potomac R.R. Co., Broad St. Station, Richmond, E. M. Hastings, ch. engr., double track concrete bridge over Rappahannock River, and elevating tracks to eliminate grade crossings, here, to Whiting-Turner Constr. Co., Stewart Bldg., Baltimore, Md., $1,000,000.

**Florida**—State Hy. Dept., Tallahassee, 3 concrete bridges on Project 50-B Putnam Co., to Luten Bridge Co., West Market St., York, Pa., $36,558; 130 ft. concrete overhead crossing Project 625, Citrus Co., to R. H. H. Blackwell, Ellaville, $23,228; 4 timber bridges Project 631 B, Holmes Co., and 5 bridges Project 658 B, Washington Co., to F. D. Harvey & Co., Memphis, Tenn., $44,117 and $17,690 respectively. Grand total $121,593. Noted Oct. 22.

**Ohio**—See "Streets and Roads."

**Ill., Highland Park**—For one 64 ft., two 48 ft. and two 24 ft. cantilever span bridge at Roger-Williams Ave., to H. W. Greene Constr. Co., 9 South Clinton St., Chicago. Engrs. est. $50,000.

**Wis., Baraboo** — For 100 ft. concrete bridge over Baraboo River, at Ash St., to Adams Constr. Co., 927 Andrus Bldg., Minneapolis, Minn., $35,474.

**Kan., Minneapolis** — See "Streets and Roads."

**Kan., Winfield**—H. C. Voris, clk. Cowley Co., four 140 ft. span through arch concrete bridge on Federal Aid Project 231-B, to Western Bridge Co., Harrisonville, Mo., $77,178. Engrs. est. $84,624. Noted Nov. 12.

**Tex., Wichita Falls**—Wichita Co. 8 span, 344 ft. rein.-con. bridge across Wichita River, to Brown-Abbott Co., 742 Wilson Bldg., Dallas, $36,822. Engrs. est. $40,000. Noted Nov. 12.

## Dams

### PROPOSED WORK

**Tex., Victoria** — Victoria Ice & Electric Co., (subsidiary Central Power & Light Co., of which Middle West Utilities Co., 72 West Adams St., Chicago, Ill., is parent concern) plans power dam across Guadalupe River, near Julia Pens, in Victoria Co., $500,000; also making plans power transmission line from Victoria to Edna, connecting with line recently built from El Campo to Edna, $40,000. Private plans.

**Colo., Denver**—Plans dam, 30 ft. high, in Bear Creek Canyon, throwing water into 65 acres land forming lake. $125,000.

### BIDS DESIRED

**Illinois**—See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

## Excavation, Drainage, Irrigation, Levees River and Harbor

### PROPOSED WORK

**Louisiana** — State Hy. Comn., Baton Rouge, received no bids Nov. 24, hydraulic fill and enlarging embankment 9.96 mi. Hammond-New Orleans Highway, Federal Aid Project 156, Sect. A, Jefferson Parish. Noted Oct. 15.

**Minn., Crookston**—Polk Co. making plans Judicial Ditch 73, incl. excavation to connect Badger and Maple Lakes. $20,000. H. J. Welte, aud.

**Tex., Cotulla**—La Salle Co. voted $7,331,000 bonds, irrigation project, incl. rein.-con., earth and stone dam across Nueces River, irrigation canals, ditches, etc. Nagle, Witt & Rollins, Keystone Bldg., Houston, engrs. Noted Nov. 12.

**Wash., Aberdeen**—Port of Grays Harbor Comm. plans election $150,000 bonds, improving harbor, incl. approximately 12 mi. dredging Chehalis River between here and Montesano.

**Calif., Tracy**—Directors Banta-Carbona Irrigation Dist. voted $125,000 bonds, completing irrigation system. Noted Sept. 21.

### BIDS DESIRED

**La., New Orleans**—See "Bridges."

**La., Shreveport**—Jan. 6, by Bd. Comrs. Caddo Levee Dist., improving drainage Black Bayou from Houston-Vivian Highway to Huckalogs Bridge, Caddo Parish, 102,000 cu.yd. excav., etc.

**Illinois**—Jan. 5, at office L. Small, dir. Dept. Purchases & Construction, State House, Springfield, Starved Rock Lock and Dam, in Illinois River, 2 mi. above Utica,

Excavation, Drainage, Irrigation, Levees (Continued)

etc., Contr. 2; and Brandon Rd. Pool, at Joliet. M. G. Barnes, ch. engr.; adv. E. N.-R. Dec. 10.

**Ill., Danville**—Dec. 16, by Comrs. Feather Creek D. D. 2, Vermilion Co., at office of Acton, Acton & Snyder, 605 Temple Bldg., open ditch, incl. 99,129 cu.yd. excav., $15,-000. J. F. Fisher, 209 Dale Bldg., Danville, engr.

**Wis., Milwaukee** — Dec. 16, by Harbor Comn., E. Bruncken, secy., reinforcing with anchorage and piling approximately 1,375 lin.ft. revetment along west side Jones Island. $75,000.

### BIDS RECEIVED

**Louisiana** — State Hy. Comn., Baton Rouge, Nov. 24, hydraulic fill and enlarging embankment 5.35 mi. Hammond-New Orleans Highway, Federal Aid Project 156, Sect. B, St. Charles Parish, from United Dredging Co., 323 Security Bldg., Galves-ton, Tex., $590,115. Noted Oct. 15.

**Calif., Richmond** — Dredging 180,000 cu.yd. in turning basin fronting municipal wharf, from San Francisco Bridge Co., Nevada Bank Bldg., San Francisco, $0.295 per cu.yd.

### CONTRACTS AWARDED

**Kan., Kansas City**—Fairfax D. D., 20,000 sq.yd. rock and concrete dike facing, to Halpin Boyle Constr. Co., 709 Ry. Exch. Bldg., Kansas City, Mo., $40,000.

**Tex., Corpus Christi**—Nueces Co., addi-tional section breakwater at Ship Channel, to J. DePuy, c/o Builders Exch. Bldg., San Antonio, $60,000.

**Ark., Osceola** — Bd. Comrs. Sub-Dist. 1, Carson Lake D. D. 8, Mississippi Co., 3,000,000 cu.yd. excav., incl. 75 mi. outlet channels, 41 mi. cleaning and redigging lateral ditches, 27 mi. new laterals, Numbers 1, 2, 3 and 4, to O. Kochtitzky, England, $227,217; No. 5, to W. J. Gleason, Aitken, Minn. $33,795. Noted Nov. 5.

**Ark., Osceola** — Sub. Dist. 3, D. D. 9, Mississippi Co. drainage and flood protec-tion work, incl. 12,000,000 cu.yd. excav., 80 mi. outlet channels, 23 mi. channel clearing, 90 mi. cleaning out and redigging laterals and ditches, also 20 mi. new laterals, to R. I. Igo, Indianola, Ia., to Clark Bros. Constr. Co., Nevada, Ia., to Briggs & Drew, 925 City Natl. Bank Bldg., Omaha, Neb., to Broderick Bros., Kennett, Mo., to J. H. Boyce Sons, Omaha, Neb., Crumpecker & Adams, Morehouse, Mo., and H. Sanders, Leachville, total awards approximately $1,250,000. Noted Nov. 5.

## Streets and Roads

### PROPOSED WORK

**Conn., New Haven** — Plans to issue $350,000 bonds, paving Elm St. from Church to York Sts. E. S. Nettleton, city engr.

**N. Y., St. George** — J. A. Lynch, pres. Richmond Boro. Boro Hall, rejected bids concrete sidewalks both sides Forest Ave. Noted Nov. 19.

**New Jersey** — Mercer Co. (Trenton), W. C. Fowler, clk., Court House, plans improving several miles road between Trenton and Woodsville. $500,000. H. F. Harris, Court House, Trenton, engr.

**N. J., Trenton** — Plans sheet asphalt widening Calhoun St. from State St. to Delaware River. $25,000. J. E. English, City Hall, engr.

**Virginia** — State Hy. Dept., Richmond, plans hardsurfaring, etc., uncompleted highways, incl. Richmond-Washington and Winchester-Bristol Highways, also bridge at Occoquan. $1,400,000.

**N. C., Hendersonville** — Plans to issue $300,000 bonds completing street paving program.

**Ga., Augusta**—Richmond Co. voted $750,-000 bonds, hard-surfacing various roads.

**Ga., Clarksville** — Habersham Co. voted $225,000 bonds, hardsurfacing various roads.

**Ga., Dalton**—Whitfield Co. voted $400,-000 bonds, improving various roads. Noted Oct. 29.

**Ga., Greenville**—Meriwether Co. election in January, $1,200,000 bonds, improving roads.

**Ga., Oglethorpe**—Macon Co. voted $100,-000 bonds, hard-surfacing road.

**Ga., Waynesboro**—Burke Co. voted $600,-000 bonds, hardsurfacing various streets.

**Florida** — State Hy. Dept., Tallahassee, rejected bids Nov. 12, grading 9.77 mi. Project 50-B, Putnam Co. and 10.52 mi. Project 660, Clay Co.; also bridges on Project 648 B, Hardee Co., and Project 660 B, Clay Co. Noted Oct. 22.

**Fla., Center Hill**—Plans improving vari-ous streets. $210,000. E. McCutcheon, Center Hill, engr.

**Fla., De Funiak Springs**—Voted $68,000 bonds, paving various streets.

**Fla., Dundee** — Plans paving various streets, etc. $162,236.

**Fla., Moore Haven** — Glades Co. voted $550,000 bonds, constructing various roads. Noted Nov. 19.

**Fla., Ocoee**—Town Council plans paving McKey, Magnolia, Lafayette, Lakewood and Lake Shore Sts. $35,566. J. B. McCrary Eng. Co., Ocoee, engrs.

**Miss., Meridian** — Clerk Lauderdale Co. soon takes bids improving 7.84 mi. Shuck-town Rd., 8 acres clearing and grubbing, 40,000 yd. excav., 9,200 yd. gravel 1 mi. haul, 221,000 unit overhaul, 3,100 yd. clay binder, 55,200 yd. mixed binder and gravel, etc.

**Tennessee**—State Dept. Highways & Pub. Wks., Nashville, plans grading, bridging, etc., 10 mi. Selmer-Adamsville Rd., McNairy Co., and 8 mi. Wartburg-Sunbright Rd., Morgan Co. C. N. Bass, Nashville, acting comr.

**Tenn., Knoxville**—Made plans grading, sewers and paving Island Home, Martin Hill and Walker Sts. $59,912. W. W. Mynatt, City Hall, engr.

**Tenn., Savannah** — Plans probably con-crete paving various streets. $25,000.

**O., Akron**—W. F. Peters, dir. Pub. Serv., takes bids early next year grading, curbing, and vitr. brick on concrete paving 2,356 sq.yd. Sunset View Dr.; and 2,400 sq.yd. Moreley Ave., both 24 ft., with 5 ft. walks. $25,000 each. E. A. Kemmler, Delaware Bldg., engr.

**O., Bedford**—See "Sewers."

**O., Canton** — Bd. Control takes bids in spring asphalt paving 1 mi. Park and Harrison Aves. S. W., 40 ft. $40,000. W. E. Sarver, City Hall, engr.

**O., Canton**—Comrs. Stark Co. take bids in spring improving 1 mi. Canal Dover-Wooster Rd., 18 ft. $30,000. A. M. Wise, Court House, engr.

**O., Medina**—Comrs. Medina Co. take bids in spring improving 6.8 mi. Mallet Creek Rd., $25,000; and slag surfacing, etc. 9.5 mi. Styx Rd., $30,000, both 16 ft. State to give $15,000 towards cost of latter project.

**Ind., Indianapolis**—Improving Baltimore Ave. from Hillside to 34th Sts., 23,023 sq.yd. asphaltic concrete on concrete paving, 13,-857 lin.ft. curbing, 13,508 cu.yd. earth excav., also Hillside Ave. from Bloyd to Baltimore Aves., 6,761 sq.yd. asphaltic con-crete on concrete paving, 3,992 lin.ft. curb-ing, 4,845 cu.yd. earth excav., to Indiana Asphalt Paving Co., 2810 Columbia Ave., $110,590 and $33,093, respectively.

**Mich., Detroit**—Plans berea or medina curbing and 3½ in. sheet asphalt on 8 in. concrete paving 3,980 sq.yd. Ciliax Ave. $17,930, 5,570 sq.yd. Palmetto Ave. $25,020, 5,320 sq.yd. Crocuslawn Ave. $23,940, 8,320 sq.yd. Ohio Ave. $37,410, 1,795 sq.yd. Bivouac Ave. $8,060, 785 sq.yd. Sarvis Ave. $3,520, 3,220 sq.yd. Cody Ave. $14,450, all 28 ft.; 6,980 sq.yd. Courville Ave. $31,390, 19,750 sq.yd. Woodlawn Ave. $88,850, 2,250 sq.yd. Eugene Ave. $10,120, 2,060 sq.yd.

### SUBWAY—NEW YORK, N. Y.

Bids were opened by Bd. Transportation, 49 Lafayette St., Nov. 17, for constructing Sect. No. 7, Route No. 78, along West 174th St. and Fort Washington Ave., from West 174th to West 183rd Sts., (A) M. Del Balso, 819 Edgewater Rd., (B) Moronti & Ray-mond, Inc., 42 Broadway; (C) S. B. Mason, 17 West 60th St.; (D) G. H. Flinn, 17 Battery Pl.; (E) Underpinning & Foundation Co., Inc., 302 Madison Ave.; Patrick McGovern, Inc., 50 East 42nd St., $3,888,357 and $3,811,057; Coleman Bros., Inc., 80 Maiden Lane, $3,912,745; Rosoff Subway Construction Co., Inc., 331 Madison Ave., $3,939,327; P. F. Connolly, 9 Jackson Ave., Long Island City, $4,020,450 and $3,943,150; La Rocco & Scocotta Construction Corp., 47 West 42nd St., $4,043,573; Heyman & Goodman Co., Inc., 236 West 116th St., $4,128,885 and $4,083,685. The unit bids of the lowest four and highest bidders are as follows:

| | A | B | C | D | E |
|---|---|---|---|---|---|
| * 20,400 cu.yd. (a) earth excavation and disposal at N.R., north of Dyckman St. | $11.50 | $11.90 | $11.75 | $14.20 | $16.00 |
| † 20,400 cu.yd. (b) earth excavation and disposal at N.R., south of Ft. Wash. Point. | 11.50 | 11.90 | 11.25 | 14.10 | 16.20 |
| * 70,000 cu.yd. (a) rock excavation and disposal at N.R., north of Dyckman St. | 11.50 | 11.90 | 11.75 | 14.20 | 16.00 |
| † 70,000 cu.yd. (b) rock excavation and disposal at N.R., south of Ft. Wash. Point | 11.50 | 11.90 | 11.25 | 14.10 | 16.20 |
| 42 furnishing and planting trees | 50.00 | 50.00 | 37.50 | 50.00 | 50.00 |
| * 64,200 cu.yd. (a) tunnel excavation and disposal at N.R., north of Dyckman St. | 16.50 | 14.95 | 18.50 | 16.00 | 22.00 |
| † 64,200 cu.yd. (b) tunnel excavation and disposal at N.R., south of Ft. Wash. Point | 16.50 | 14.95 | 18.00 | 15.90 | 22.20 |
| 28,500 cu.yd. concrete masonry in place | 21.50 | 22.00 | 22.00 | 24.00 | 27.00 |
| 147,000 sq.ft. rubbed surface | .10 | .12 | .10 | .12 | .25 |
| 1,600 cu.yd. protective concrete | 21.50 | 22.00 | 22.00 | 24.00 | 27.00 |
| 30 cu.yd. brick masonry | 40.00 | 45.00 | 38.80 | 35.00 | 60.00 |
| 50 cu.yd. removal and disposal of old masonry | 20.00 | 20.00 | 31.20 | 50.00 | 81.00 |
| 300 sq.yd. vitrified brick lining for sewers | 6.00 | 55.00 | 7.10 | 5.00 | 7.00 |
| 10 cu.yd. hollow terra cotta or tile masonry | 50.00 | 35.00 | 38.80 | 45.00 | 60.00 |
| 5,000 bbl. Portland cement grout | 5.00 | 8.00 | 7.50 | 7.00 | 6.00 |
| 120 sq.yd. plastering on hollow tile | 1.50 | 4.00 | 1.50 | 2.00 | 3.60 |
| 200 M.ft. B.M. tunnel timbering | 50.00 | 100.00 | 125.00 | 110.00 | 150.00 |
| 10 cu.yd. broken stone or gravel | 4.00 | 5.00 | 5.00 | 5.00 | 5.00 |
| 4,300 sq.yd. (a) waterproofing treated fabric, 1-ply | 1.25 | 1.00 | 1.06 | 1.20 | 1.50 |
| 9,300 sq.yd. (c) waterproofing treated fabric, 3-ply | 3.00 | 3.00 | 2.50 | 2.75 | 4.50 |
| 200 cu.yd. (f) waterproofing treated fabric, 6-ply | 6.00 | 6.00 | 5.00 | 6.00 | 9.00 |
| 100 sq.yd. (l) waterproofing treated fabric dry ply | 1.25 | 1.00 | .60 | 1.00 | 1.50 |
| 260 cu.yd. (a) waterproofing brick in mastic, 1 layer | 50.00 | 55.00 | 48.80 | 55.00 | 60.00 |
| 25 cu.yd. (b) waterproofing brick in mastic, 2 layers | 50.00 | 55.00 | 48.80 | 75.00 | 55.00 |
| 1,000 lin.ft. (a) cast iron pipe and fittings, 3 in. | 1.00 | 1.00 | 1.60 | 1.20 | 1.50 |
| 500 lin.ft. (b) cast iron pipe and fittings, 4 in. | 1.50 | 1.25 | 2.00 | 1.60 | 2.00 |
| 500 lin.ft. (c) cast iron pipe and fittings, 6 in. | 2.50 | 2.50 | 2.90 | 2.25 | 3.00 |
| 900 lin.ft. (d) cast iron pipe and fittings, 8 in. | 4.00 | 3.00 | 4.40 | 3.50 | 4.00 |
| 200 lin.ft. (a) standard galvanized pipe, 3 in. | 1.25 | 1.25 | 1.80 | 1.25 | 1.50 |
| 100 lin.ft. (b) standard galvanized pipe, 4 in. | 1.60 | 1.50 | 2.00 | 1.50 | 2.00 |
| 50 lin.ft. (d) standard galvanized pipe, 8 in. | 4.00 | 4.00 | 5.60 | 3.00 | 4.00 |
| 50 lin.ft. (e) standard galvanized pipe, 10 in. | 6.00 | 6.00 | 8.20 | 6.00 | 5.00 |
| 46,000 duct. ft. tunnel ducts | .30 | .30 | .26 | .30 | .50 |
| 90 lin.ft. 3-in. fibre conduits | .30 | .30 | .31 | .30 | .50 |
| 2,450 ton riveted steel beams and shapes | 118.60 | 120.00 | 120.00 | 120.00 | 135.00 |
| 2 ton architectural steel and iron | 400.00 | 300.00 | 375.00 | 400.00 | 600.00 |
| 75 sq.ft. (b) steel doors and appurtenances | 6.00 | 4.00 | 6.25 | 6.00 | 7.00 |
| 1 emergency exit covers | 600.00 | 50.00 | 565.00 | 500.00 | 800.00 |
| 70 ton steel rods and bars | 115.00 | 120.00 | 110.00 | 100.00 | 100.00 |
| 7 ton miscellaneous iron castings | 200.00 | 200.00 | 190.00 | 200.00 | 380.00 |
| 700 special wire forms (per pound) | .20 | .25 | .23 | .20 | .50 |

| | A | B | C | D | E |
|---|---|---|---|---|---|
| 2,800 lin.ft. 1¼ in. oak or ash hand rail | .50 | 1.00 | .50 | .80 | 1.00 |
| 2,320 sq.ft. steel gratings for ventilation | 4.00 | 4.00 | 3.75 | 3.50 | 5.00 |
| 3,540 sq.yd. (a) street surface restored within curb lines | 2.70 | 3.00 | 3.40 | 3.50 | 3.60 |
| 350 sq.yd. (e) street surface restored repavement asphalt between curb lines | 5.00 | 4.50 | 5.60 | 5.00 | 5.50 |
| 4,960 sq.yd. (g) street surface restored repavement asphalt block between curb lines | 5.50 | 4.00 | 6.25 | 6.00 | 6.00 |
| 100 lin.ft. (i) street surface restored new 6-in. blue stone curb | 5.00 | 3.00 | 2.30 | 2.50 | 3.00 |
| 100 lin.ft. (k) street surface restored new 8-in. granite curb | 6.00 | 5.00 | 5.70 | 4.50 | 6.00 |
| 100 sq.yd. (n) street surface restored, repavement macadam between curb lines | 2.00 | 7.00 | 5.00 | 3.50 | 5.50 |
| 130 sq.yd. finishing upper 3-in. concrete walls and slabs | 3.00 | 2.00 | 1.90 | 3.25 | 9.00 |
| 8,950 sq.yd. temporary pavement of granite blocks | 3.00 | 2.00 | 3.10 | 3.00 | 1.00 |
| 18,400 lin. ft. (a) steel electric conduits, ¾ in. | .40 | .50 | .40 | .40 | .30 |
| 200 lin.ft. (b) steel electric conduits, 1¼ in. | 1.00 | 1.50 | .57 | 1.00 | .60 |
| 700 lin.ft. (c) steel electric conduits, 2 in. | 1.10 | 1.50 | .75 | 1.25 | .80 |
| 6,700 lin.ft. (d) steel electric conduits, 1 in. | .80 | .90 | .50 | 1.00 | .40 |
| 10 lin.ft. (e) steel electric conduits, 3 in. | 1.50 | 1.80 | 1.25 | 2.50 | 1.20 |
| 10 lin.ft. (g) steel electric conduits, 2½ in. | 1.25 | 1.60 | 1.00 | 2.00 | 1.00 |
| 1,335 4 x 4 x 3 in. C.I. outlet boxes | 2.50 | 2.25 | 2.00 | 2.50 | 3.00 |
| 20 (a) 6 x 6 x 4 in. C. I. pull boxes | 6.00 | 5.00 | 3.20 | 6.00 | 5.00 |
| 1 (b) 16 x 12 x 3 in. C. I. pull boxes | 8.00 | 5.00 | 7.50 | 20.00 | 10.00 |
| 10 (c) 8 x 8 x 6 in. C. I. pull boxes | 8.00 | 8.00 | 7.50 | 15.00 | 15.00 |
| 210 lin.ft. (a) C. I. pipe and fittings, extra heavy, 6 in. | 3.00 | 5.00 | 4.60 | 4.00 | 4.00 |
| 100 lin.ft. (b) C. I. pipe and fittings, extra heavy, 3 in. | 1.50 | 2.50 | 2.50 | 2.00 | 2.50 |
| 10 lin.ft. (c) C. I. pipe and fittings, extra heavy, 4 in. | 2.00 | 3.00 | 3.20 | 3.00 | 3.00 |
| 100 lin.ft. (f) C. I. pipe and fittings, extra heavy, 8 in. | 4.00 | 6.00 | 7.50 | 5.00 | 6.00 |
| 1,000 lin.ft. 15-in. vitrified pipe sewer in piece | 6.00 | 2.00 | 8.30 | 6.00 | 10.00 |
| 300 lin.ft. 24 in. vitrified pipe sewer in piece | 12.00 | 2.00 | 11.60 | 14.00 | 20.00 |
| 25 ton C. I. sewer pipe, straight | 120.00 | 200.00 | 125.00 | 135.00 | 100.00 |
| 10 ton C. I. sewer pipe, special castings | 250.00 | 200.00 | 200.00 | 275.00 | 200.00 |
| 900 lin.ft. (a) flat top, reinforced concrete sewer, 3 ft. 6 in. x 2 ft. 4 in. | 20.00 | 10.00 | 18.50 | 19.00 | 30.00 |
| 200 lin.ft. (i) flat top reinforced concrete sewer, 4 ft. 6 in. x 8 ft. 10 in. | 25.00 | 10.00 | 25.50 | 24.00 | 60.00 |
| 100 lin.ft. water pipe, including all appurtenances, 6 in. | 2.00 | 2.00 | 1.25 | 1.50 | 6.00 |
| 100 lin.ft. water pipe, including all appurtenances, 8 in. | 3.50 | 2.50 | 1.90 | 2.00 | 8.00 |
| 100 lin.ft. water pipe, including all appurtenances, 12 in. | 4.00 | 4.00 | 2.50 | 3.00 | 12.00 |
| 5 service connections for water pipes | 50.00 | 30.00 | 32.00 | 40.00 | 80.00 |
| 100 lin.ft. gas pipe, cast iron and steel, 6 in. | 2.00 | 3.00 | 1.25 | 2.00 | 6.00 |
| 100 lin.ft. gas pipe, cast iron and steel, 8 in. | 4.00 | 3.00 | 1.90 | 2.50 | 8.00 |
| 4,000 lin.ft. (a) by-passing pipe upon or below surface, 6 in. | 6.00 | 20.00 | 15.00 | 4.00 | 7.00 |
| 5 service connections for gas pipe | 50.00 | 30.00 | 50.00 | 5.00 | 80.00 |
| 5 ton new C. I. hub and spigot straight pipe | 125.00 | 200.00 | 95.00 | 100.00 | 100.00 |
| 2 ton new C. I. hub and spigot special pipe | 250.00 | 300.00 | 185.00 | 230.00 | 200.00 |
| 300 duct.ft. vitrified clay, electric ducts and conduits | .60 | .60 | .44 | .40 | 1.00 |
| 100 lin.ft. (b) steel pipe electric ducts and conduits, 3 in. | 1.00 | .80 | 1.25 | 3.50 | 1.50 |
| 100 lin.ft. (c) steel pipe electric ducts and conduits, 3½ in. | 1.20 | 1.00 | 1.50 | 5.00 | 1.50 |
| 5 service connections for electric ducts | 100.00 | 30.00 | 65.00 | 50.00 | 80.00 |
| 100 lin.ft. (a) wooden electric ducts and conduits, 3 in. | .60 | .60 | .44 | .50 | 1.50 |
| 100 lin.ft. (a) fibre electric ducts and conduits, 3 in. | .60 | .60 | .44 | .60 | 1.50 |
| Total for disposal at N. R. north of Dyckman St. (not including items †) | $3,382,263 | $3,478,989 | $3,572,155 | $3,673,612 | $4,404,790 |
| Total for disposal at N. R. south of Ft. Washington Pt. (not including items *) | $3,382,263 | $3,478,989 | $3,494,855 | $3,658,152 | $4,435,710 |

* Totals include underpinning of buildings, but units do not.

## Streets and Roads (Continued)

Newport Ave. $9,260, 2,270 sq.yd. Anderson Ave. $10,210, 2,270 sq.yd. Cope Ave. $10,210, 2,270 sq.yd. Coplin Ave. $10,210, 6,650 sq. yd. Drexel Ave. $29,940, and 1,810 sq.yd. Dawes Ave. $8,150, all 30 ft. P. A. Fellows, City Hall, engr.

**Ill., Belleville**—St. Clair Co. making preliminary plans grading and concrete paving 14 mi. Belleville-Smithton-Hecker Rd., 18 ft. D. O. Thomas, Court House, supt.

**Ill., Chicago**—Cook Co. plans to expend about $4,600,000 during 1926 for improving about 102 mi. various roads. G. Quinlan, supt. of co. highways.

**Ill., East St. Louis** — Soon takes bids grading, curbing and asphalt or concrete paving 10 blocks Market Ave. between 4th and 14th Sts. $30,900. W. McK. Brown, City Hall, engr.

**Ill., Geneseo**—Making preliminary plans grading and concrete slab paving approximately 1 mi. Route 7 through Geneseo City limits, 32 and 34 ft. $59,357. J. A. Ryan, City Hall, engr.

**Wis., Kenosha**—Kenosha Co., J. F. Herzog, highway comr., plans concrete paving 3 mi. Geneva Rd. from Fox River Bridge west $112,000, 1.25 to 1.5 mi. Highway 83 $40,000, 1.75 mi. Burlington Rd., incl. new concrete bridge over branch of Eau Plaines River $60,000; gravel surfacing various roads $40,000 also constructing Fox River Bridge $30,000. J. T. Donaghey, Madison, ch. engr.

**Wis., Clintonville**—J. Spearbraker, city clk., making plans concrete curbing, guttering and one course concrete paving 28,000 sq.yd. 12th and 6th Sts. L. P. Pelishek, City Hall, engr.

**Wis., Fond du Lac**—Making plans paving 48,900 sq.yd. various streets. G. H. Stanchfield, City Hall, engr.

**Minn., South St. Paul**—Making plans paving 1 mi. Marie Ave. and 2nd St. $50,000. P. V. Kelley, city engr.

**Wis., Waupaca**—F. A. Houseman, city clk., making plans various types paving South Main, Berlin, Lake, Granite and West Union Sts. To exceed $25,000. Engineer not selected.

**Mo., St. Louis**—Dept. Pub. Wks., 208 City Hall, soon takes bids grading and concrete paving 24,325 yd. alleys in City Blocks 1245, 4974, 5128, 5203, 5429 E, 5544, 5688, 2868 E, 2999, 3016, 3038, 3607, 4053 B, 4942, 5204, 5302, 3000, 4050, 4364, 4411 A and 4416 B. $68,500. W. W. Horner, 300 City Hall, engr.

**Mo., St. Louis**—Bd. Pub. Serv., 208 City Hall, will not resurface with asphalt, brick or recut granite blocks 18 blocks Market, Chestnut, Locust, Vine and Charles Sts. between 3rd and 4th Sts., St. Charles St. between 10th and 12th Sts., also Lucas St. between 4th and 11th Sts. Project abandoned. W. W. Horner, 300 City Hall, engr. Noted Nov. 12.

**Mo., St. Louis**—Bd. Pub. Serv., 208 City Hall, soon takes bids asphaltic concrete paving, etc., DeTonty St. between Newstead and Vandeventer Sts. $7,500, Walnut St. between Leffingwell and Ewing Sts. $8,200, Theodore St. between Euclid and Kingshighway Sts. $11,900, Tennessee St. between Wilmington and Iron Sts. $14,400, and Tennessee St. between Iron and Kansas Sts. $10,500; asphalt paving, etc., Clark St. between Jefferson and Compton Sts., $52,700; concrete paving, etc., Compton St. between Fassen and Eichelberger Sts., $6,600; Warrenite paving, etc., Pennsylvania St. between Bates and Fassen Sts. $5,700, and Missouri St. between Pacific and Morgan Ford Sts., $16,800; and grading, etc., Idaho St. between Robert and Loughborough Sts., $7,900. W. W. Horner, 300 City Hall, engr.

**Mont., Helena**—V. N. Kessler, city clk., making plans paving 31 blocks various streets. $110,000. T. Carmichael, city engr.

**Ark., Augusta** — Plans grading, curbing and paving 7 blocks Main St., 56 ft. $30,000. H. G. Watts, mayor. Engineer not selected.

**Ark., Dardanelle**—Plans grading, curbing and paving 35 blocks in Dist. 2, 26-60 ft. $100,000. T. D. Williams, mayor. Engineer not selected.

**Tex., Baird**—Callahan Co. making plans grading, bridging and asphalt macadam paving 3 mi. State Highway, Eastland Co. line to Shackelford Co. line, 18 ft. $95,000. G. E. Franklin, Eastland, engr.

**Tex., Brownsville**—Cameron Co. making plans constructing about 7 mi. Highway 100 from Barreda to Point Isabel. $60,000 or more. W. O. Washington, Brownsville, engr.

**Tex., Clairemont**—Kent Co. making plans grading, bridging and hard surfacing 17.38 mi. State Highway 83, from Garza to Fisher Co. line. $386,235. L. M. Ferlet, Clairemont, engr.

**Tex., Eastland** — Eastland Co. making plans grading, bridging and permanent paving 4 mi. Cisco-Moran Rd., 18 ft. $135,000. G. E. Franklin, Eastland, engr.

**Tex., Eastland** — Eastland Co. making plans grading, bridging and asphaltic macadam paving 11 mi. highway from Callahan Co. line to point 4 mi. from Cisco, 18 ft. $350,000. G. E. Franklin, Eastland, engr.

**Tex., Floresville** — Wilson Co. making plans grading, bridging and asphaltic macadam paving 10 mi. State Highway 16 from Karnes Co. line to point 2 mi. from here, 18 ft. $250,000. F. E. Hess, Floresville, co. engr.

**Tex., Floydada** — Election soon $75,000 bonds, paving various streets. Gantt-Baker Co., Inc., 1116 West Main St., Oklahoma City, Okla., engrs.

**Tex., Ft. Worth**—Voted $2,200,000 bonds general street improvements. O. E. Carr, city mgr.

**Tex., Gatesville** — Making plans paving various business streets. $45,000. M. L. Winter, Gatesville, engr. Noted Oct. 8.

**Tex., Goliad**—Goliad Co. election Dec. 19, $420,000 bonds hardsurfacing about 18 mi. roads radiating from here. J. A. White, Goliad, co. judge.

**Tex., Graham**—Young Co. making plans grading, bridging and hardsurfacing about 22 mi. Highway 24, from Graham to Jack Co. line, 18 ft. $700,000. State and Federal Aid appropriate about 50% of cost. W. F. Parsley, Graham, co. judge.

**Tex., Graham**—Young Co. making plans grading, bridging and hard surfacing about 10 mi. Highway 67 from Graham to Stephen Co. line, 18 ft. $350,000. W. F. Parsley, Falfurrias, co. judge. State and Federal Aid appropriate about 50% of cost.

**Tex., Hallettsville** — Lavaca Co. voted $200,000 bonds hardsurfacing roads between Yoakum and Hochheim, etc., also concrete river bridge across Guadalupe River. State Aid appropriates toward cost. W. H. Koether, Hallettsville, co. judge. Noted Oct. 7.

**Tex., Henrietta**—Clay Co. making plans rein.-con. paving 6.89 mi. State Highway 5, east of Wichita Co. line, $70,000; 7.14 mi. State Highway 5, Federal Aid Project 448, Unit 2, $185,000; also 9.25 mi. State Highway 50, Henrietta-Bowie Rd., $240,000, all foregoing 18 ft. W. A. Oberchain, Henrietta, engr.

**Tex., Karnes City** — Karnes Co. making plans grading, bridging and asphaltic macadam paving 7 mi. State Highway 16 from north line of Rd. Dist. 3 to Wilson Co. line, 18 ft. $180,000. O. N. Powell, Kenedy, engr.

**Tex., Karnes City**—Election Dec. 19, $65,000 bonds improving roads in Karnes City Dist. $65,000. Address D. O. Klinngeman, Karnes City, co. judge.

**Tex., Karnes City**—Karnes Co. election Dec. 19, $300,000 bonds constructing roads in Kenedy Rd. Dist. O. N. Powell, co. engr.

Streets and Roads (Continued)

**Tex., Kingsville**—Kleburg Co. making plans 6 in. caliche re-paving highway from Riviera south. $40,000. H. T. Fields, Corpus Christi, div. engr.

**Tex., Pittsburg** — Camp Co., making plans grading, bridging, triple bituminous and macadam paving 5.8 mi. State Highway 65, 18 ft. $220,000. C. Chappell, Pittsburg, engr.

**Tex., Sweetwater** — Nolan Co. making plans grading, bridging and 1 in. bituminous on crushed stone paving 5 mi. Highway 20, Sweetwater to Fisher Co. line, 18 ft. $110,000. J. A. Focht, Sweetwater, engr.

**Tex., Yoakum**—Making preliminary surveys additional paving during 1926. $60,000. Address Mayor.

**Oklahoma**—State Hy. Dept., Oklahoma City, making preliminary plans grading and paving 8 mi. Jefferson Highway, Craig Co., $60 000; also grading and gravel surfacing 5 mi. Shamrock-Drumright Rd., Creek Co., $45,000, both 30 ft. J. M. Page, highway engr.

**Okla., Bartlesville**—See "Unclassified."

**Okla., Enid**—Plans paving 7 blocks various streets. $28,000. R. T. Williams, city clk.

**Okla., Holdenville**—Plans 30,000 ft. concrete sidewalks in various parts of city. $28,000. C. H. Edge, Holdenville, engr.

**Okla., Pauls Valley**—Making preliminary plans grading, curbing and vertical fibre brick paving 7,100 sq.yd. Jay, Chickasaw and McClure Sts. $35,000. W. J. Harris, city clk. Engineer not selected.

**Okla., Tulsa**—Plans grading, curbing and asphaltic concrete surfacing 29,700 sq.yd. Harvard and 15th Sts. $151,210. C. Schultz, City Hall, engr.

**Okla. — Waynoka** — Making preliminary plans grading, curbing and concrete paving 9,700 sq.yd. streets in Business Dist. $35,000. T. J. Barnett, mayor. Engineer not selected.

**Calif., Burlingame**—Making plans improving Adeline Dr., Balboa, Cortez Aves., etc., 5,000 cu.yds. grading, 30,238 sq. ft. concrete walks, etc. J. James, city engr.

**Calif., La Mesa** — Plans concrete paving various streets. $150,000 or more.

**Calif., Los Angeles** — Los Angeles Co. made plans grading, curbing, guttering, sidewalks and concrete paving 241,413 sq.ft. Palm St. between Hawthorne Ave. and Rancho Sausal Redondo and extension of Palm St. To exceed $100,000. J. E. Rockhold, Hall of Records, co. surv.

**Calif., Los Angeles**—Bd. Pub. Wks. takes bids about Dec. 16, curbing, guttering sidewalks, asphaltic concrete and asphaltic macadam or sheet asphalt paving. Doheny Dr., Cottage Pl., 73rd., Talmadge, Emerald, Council and Gaffey Sts.; also curbing, guttering, sidewalks, asphaltic concrete on concrete paving La Brea and Burnett Aves., Colyton, 7th and 16th Sts. To exceed $75,000. J. C. Shaw, City Hall, engr.

**Calif., Redwood City**—Plans extending Bway. through to Main St. $90,000. C. L. Dummitt, city engr.

**Calif., San Diego**—Common Council plans improving Vermont, Essex, and Herbert Sts., 189,040 sq.ft. 1½ in. asphalt on 4 in. concrete paving, 3,351 sq.ft. concrete sidewalks, 212 cu.yd. excav. and 620 cu.yd. embankment; also Muir Ave., 2,873 cu.yd. excav., 491 cu.yd. embankment, 125,593 sq.ft. 1½ in. asphalt on 3 in bituminous paving, 6,200 ft. curbing, etc. F. A. Rhodes, city engr.

**Ont., Lucknow** — Council plans probably concrete paving Chapel St., etc. $35,000. R. Johnston, chn. com.

### BIDS DESIRED

**Massachusetts** — Dec. 15, by Dept. Pub. Wks., Boston, bituminous concrete paving 21,521 ft. highway in Dennis, and 14,056 ft. highway in Yarmouth; bituminous macadam paving 6,400 ft. highway in Ayer and Littleton; rein.-con. and bituminous macadam paving 28,795 ft. highway in Lenox, Lee and Stockbridge, all foregoing 18 ft. W. F. Williams, comr.

**Massachusetts**—Dec. 22, by Dept. Pub. Wks., Boston, bituminous macadam paving 10,155 ft. highway in Bedford and Lexington; rein.-con. and bituminous paving 20,187 ft. in Brockton and West Bridgewater; bituminous concrete paving 15,400 ft. in Chatham, all foregoing 18 ft. W. F. Williams, comr.

**N. Y., Long Island City**—Dec. 17, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., grading, curbing, sidewalks and sheet asphalt on concrete paving 39th Ave., Pearson and 115th Sts.; grading, curbing and sidewalks, etc., 57th Ave. (Martense St.), Laurel Hill Blvd., and Lurting St.; also grading Stafford and Herrick Aves., Ingram, Juno, Kessel, Loubet, Nansen, and Olcott Sts.

**Pa., Charleroi**—Dec. 14, by Boro. Council, grading and vitr. brick on concrete, one course rein.-con. or bituminous on concrete surfacing 11,710 sq.yd. McKean Ave. and 9,115 sq.yd. Fallowfield Ave. between 2nd and 9th Sts. $60,000 and $50,000 respectively. A. A. McDonald, Municipal Bldg., engr.

**Florida** — Jan. 6, by State Rd. Dept., Tallahassee, Projects 641, 641-B, and 656, Road 4, Palm Beach Co.; and Project 648-B, Road 2, Hardee Co. J. L. Cresap, Tallahassee, highway engr.; adv. E. N.-R. Dec. 10.

**Fla., Vero Beach**—Jan. 5, by Bd. Comrs. Indian River Co., curbing, bridging, water bound macadam with asphalt surface treating 347,065 sq.yd. road. D. L. Leisher, co. engr.; adv. E. N.-R. Dec. 10.

**Alabama**—Dec. 23, by State Hy. Dept., Montgomery, improving 7.6 mi. Greenville-Pineapple Rd., State Project 7, Butler Co., 17,860 cu.yd. gravel surfacing in Sect. B, and 1 mi. grading and 2,400 sq.yd. gravel surfacing on Sect. C grading and gravel surfacing, etc., 14,900 cu.yd. Ashland-Lineville Rd., State Project 117, Clay Co. W. A. McCalla, highway engr.

**Miss., Kosciusko** — Dec. 15, by Bd. Supervs. Attala Co., improving 9.932 mi. Federal Aid Project 37, 12.73 acres clearing and grubbing, 58,965 cu.yd. excav., 9,775 yd. borrow, 48,613 lb. reinforcing, 184,238 ft. creosoted timber, 422 cu.yd. gravel one mi. haul, 1,598 units overhaul, etc. H. C. Dietzer, Jackson, highway engr.

**Michigan**—Dec. 17, by State Hy. Dept., at office Comrs. Macomb Co., Mt. Clemens, concrete paving 3.053 mi. Federal Aid Road 212 Sect. A, (Assessment Dist. 1117), 20 ft. G. C. Dillman, Lansing, highway engr.

**Michigan**—Dec. 18, by State Hy. Comn., at office Comrs. Alsona Co., Harrisville, graveling 11.033 mi. State Trunk Line Road 72-3, 16 ft. G. A. Dillman, Lansing highway engr.

**Michigan**—Dec. 18, by State Hy. Dept., at office Comrs. Lapeer Co., Lapeer, concrete paving 2.3 mi. Federal Aid Road 147, Sect. A (Assessment Dist. Road 1118), 20 ft. G. C. Dillman, Lansing, highway engr.

**Michigan**—Dec. 21, by State Hy. Dept., at office Comrs, Sanilac Co., Sandusky, graveling 2.496 mi. Federal Aid Road 122 A-1, 6.004 mi. same road Sect. A-2, 5.004 mi. Sect. A-3, and 6.01 mi. Sect. B. G. C. Dillman, Lansing, highway engr.

**Wis., Sheboygan** — See "Contracts Awarded."

**Kan., Howard**—Jan. 8, by Clerk Elk Co., grading, etc., 8.692 mi. Federal Aid Project 297-A. C. B. Alexander, Howard, co. engr.

**Mo., Caruthersville**—Dec. 16, by Comrs. Little Prairie Special Road Dist., Pemiscot Co., N. W. Helm, chn., grading and concrete surfacing 53,838 sq.yd. Caruthersville-Braggadocio Rd. to connect with State Highway 9. B. O. Bennett, Caruthersville, engr.

**Tex., Albany** — Dec. 15, by R. Dyess, judge Shackelford Co., bituminous on sledged stone paving 17.59 mi. State Highway 23, State Aid Project 515, Unit 2, $94,430; 8.18 mi. State Highway 1-A, Federal Aid Project 477-A, Unit 2, $59,000; 12.71 mi. State Highway 1-A, Federal Aid Project 6, $189,000; all foregoing 18 ft. J. E. Pirie, Albany, co. engr. Noted Oct. 22 and Dec. 3.

**Tex., Donna**—J. E. Weir, city secy., taking bids and open same about Dec. 10, 1 in. rock asphalt on concrete, 2 in. rock asphalt on gravel or warrenite bitulithic on bituminous concrete paving 7 blocks various streets. $40,000.

**Colorado**—Dec. 15, by State Hy. Dept., Denver, grading and concrete paving, etc., 9,900 sq.yd. Federal Aid Project 275-B, Douglas Co.; also grading 7,400 cu.yd. State Project 559, State Highway 72, Jefferson Co. L. D. Blauvelt, State Office Bldg., Denver, engr.

**Calif., San Diego**—Dec. 21, by Common Council, concrete curbing, sidewalks and 1½ in. asphaltic concrete on 2½ in. bituminous paving, etc. 215,907 sq.ft. 21st St. and Julian Ave. F. A. Rhodes, city engr. Noted Sept. 17.

**Calif., Santa Cruz**—Dec. 22, by Supervs. Santa Cruz Co., curbing, grading, concrete paving, etc. 2,861 cu.yd. portion of Santa Cruz-Boulder Creek Highway. L. Bowman, Santa Cruz, co. surv.

### BIDS RECEIVED

**N. Y., New York** — H. Bruckner, pres. Bronx Boro, Crotona Park, Tremont and 3rd Aves., Dec. 1, from T. Di Roma, 33 Evelyn Pl., grading, curbing and sidewalks on Rochambeau Ave. $8,416, grading, etc., Rosedale Ave. $3,769, and Holland Ave. $20,650; from I. F. Cavaluzzo, 1538 Washington Ave., grading Wallace Ave. $3,223, and from L. D. Minna, 2366 Lorrilard Ave., Hering Ave. $11,467; from C. Turiano Contg. Co., 8706 Bay 12th St., Brooklyn, sewers in Hine and Burke Aves., $15,21. Noted Nov. 26.

**Louisiana** — State Hy. Comn., Baton Rouge, Nov. 24, from Wimberly & Barbour, Churchpoint, graveling 13.033 mi. Hammond-New Orleans Highway, State Project 127, Sect. E, St. John the Baptist Parish, (1) $85,014, from W. C. Perry, Baton Rouge, (3) $61,398 (4) $61,397 (6) $81,852 and (7) $81,852, from A. G. Thomas, Carondelet Bldg., New Orleans, (5) $125,926; also 8.809 mi. above road, Sect. C, Tangipahoa Parish, from W. C. Perry, Baton Rouge, (1) $44,190 (2) $82,906 (3) $30,283 (4) $30,283 (6) $38,294 and (7) $38,294, from Wimberly & Barbour, Churchpoint, (5) $48,403. Noted Oct. 8.

**Michigan**—State Hy. Comn., at office Comrs. Baraga Co., L'Anse, concrete paving 0.767 mi. Trunk Line Rd. 34-10A, 20 ft., from J. McDonnel, Rockland, $26,934.

**Michigan**—State Hy. Comn., at office Comrs. Leelanau Co., Leland, Nov. 23, graveling 5.346 mi. Trunk Line Rd. 22-1, 16 ft., from Leelanau Co., Road Comn., Leland, $37,982. Noted Nov. 12.

**Michigan**—State Hy. Comn., at office Comrs. Saginaw Co., Saginaw, Nov. 23, graveling 5.509 mi. Trunk Line Rd. 18-11 A and B, 18 ft., Midland and Saginaw Counties, from L. P. Larson, Midland, $65,476. Noted Nov. 12.

**Tex., Fort Worth** — F. V. Lanham, chn. State Hy. Comn., Austin, clearing, grubbing, bridging and paving 6.8 mi. State Highway 1, Federal Aid Project 496, 24 ft., Tarrant Co., from Fuller Constr. Co., Fidelity Union Bldg., Dallas, sheet asphalt on bituminous concrete $322,084, amiesite on bituminous concrete $332,095, hot mix limestone rock $370,084; from Smith Bros., Inc., Sante Fe Bldg., Dallas, hot mix limestone rock asphalt on bituminous concrete, $391,492; from General Constr. Co., Cotton Exch. Bldg., warrenite bitulithic on bituminous concrete, $369,855. Noted Nov. 12.

**Okla., Garber**—R. Kimmel, city clk., Nov. 16, grading and concrete paving 9,625 sq.yd. Ponca and Seneca Sts., from E. H. Locher, Okmulgee, $31,227. Engrs. est. $32,556. Noted Nov. 12.

**Okla., Oklahoma City**—Widening Bway. 4 ft. each way, 3,460 sq.yd. concrete paving, 5,260 ft. curbing, etc., from H. M. House, Merrie Garden Bldg., $26,110. Engrs. est. $28,916. Noted Nov. 26.

**Calif., Glendale**—Improving Allen Ave., Hale St., etc., 203,500 sq.ft. grading, 114,577 sq.ft. 4 in. asphaltic concrete paving, from C. U. Heuser, Box 98, Glendale, approximately $36,500.

**Calif., Los Angeles**—Supervs. Los Angeles Co. grading, concrete paving, etc., 154,338 sq.ft. Wilmington and Los Angeles Rd., etc., from C. A. Ladeveze, 209 South Elizabeth St., Southgate, $35,697; also grading, concrete paving, etc., 87,376 sq.ft. Anaheim Telegraph Rd., from Griffith Co., Railway Bldg., approximately $42,800. Noted Nov. 19.

**Calif., Los Angeles**—Los Angeles Co. improving portion of Canal St. (Impvt. 402), involv. 189,694 sq.ft. concrete paving, 5,050 cu.yd. excav., etc., from J. P. Benson, Douglas Bldg., $45,305; also portion of Olive St. (Rd. Dist. Impvt. 276), 315,708 sq.ft. concrete paving, 9,468 cu.yd. excav., 131,967 sq.ft. 5 in. disintegrated granite sub-base, etc., from C. A. Ladeveze, 209 South Elizabeth St., Southgate, $72,489.

### CONTRACTS AWARDED

**N. Y., Brooklyn**—J. A. Guider, pres. Brooklyn Boro, Boro Hall, grading and permanent asphalt repaving various streets, and sheet asphalt paving East 7th St., to Uvalde Asphalt Paving Co., 1 Bway., New York City, $11,050 and $8,927 respectively; grading, curbing and flagging East 7th St., to A. Di Geronimo, 1974 East 1st St., $3,181; East 28th and 8th Sts., to F. Persicano, 350 Fulton St., $3,585 and $4,489 respectively, 8th St., to G. M. Mandatto, 29 29th St. $5,781 and 19th Ave. to V. Peconi, 152 East 4th St. $1,599; permanent asphalt repaving Flatbush Ave., to Highway Impvt. & Repair Co., 30 Church St., New York City, $73,374; grading and permanent asphalt paving 15th and 19th Aves., to Cranford Co. 52 9th St., $19,295 and $3,162 respectively, 81st St. and 19th Ave., to B. Turecamo Contg. Co., 8706 Bay 12th St., $6,267 and $3,162 respectively. Grand total $144,872. Noted Dec. 3.

**N. Y., Long Island City**—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., to Welsh Bros. Contg. Co., 32 Queens St.,

Streets and Roads (Continued)

**Astoria**, granite block paving Ely Ave. $8,127, sidewalks where necessary on Roosevelt to Grout Aves. $1,920, grading, curbing and sidewalks on 99th St. $4,791, and Lake St. $22,230; to Kennedy & Smith, 93 Amity St., Flushing, grading, regrading, curbing and sidewalks on 40th St. $13,215; to Uvalde Asphalt Paving Co., 1 Bway., New York City, permanent sheet asphalt paving Bleeker St. $12,933, 40th St. $31,230, Grove St. $5,710, 126th St. $9,970, Prospect Ave. $13,808; to Pease Bros., Inc., 57 North Lawrence St., Flushing, grading and sidewalks on Bway. $1,155, and grading, curbing and sidewalks on 130th St., $18,483; to O'Brien & Kurth, 8625 13th St., Jamaica, grading, curbing and sidewalks on 91st St. $10,975; to Sicilian Asphalt Co., 41 Park Row, New York City, permanent sheet asphalt paving 101st St. $10,720; to A. M. Hazell, Inc., 26 Cortlandt St., New York City, beach along ocean front $605,075. Grand total $770,342. Noted Nov. 26.

**N. Y., St. George** — J. A. Lynch, pres. Richmond Boro, Boro Hall, bituminous concrete paving Vanderbilt Ave. from Bay to Van Duzer Sts., to J. E. Donovan, 2205 Richmond Terrace, Port Richmond, $90,112. Noted Dec. 3.

**N. Y., St. George** — J. A. Lynch, pres. Richmond Boro, Boro Hall, napped granite block repaving Jersey St., to Richmond Paving Co., 48 Hylan Blvd., Rosebank, $7,078. Noted Nov. 19.

**North Carolina** — State Hy. Hy. Comn., Raleigh, grading and plain concrete paving 7.35 mi. Project 809, Burke Co., to Pennell & Weisiger, Chadbourn, $209,040, and 10 mi. Project 825, Cleveland Co., to Wilson Constr., Rutherfordton, $291,551; clearing and grading 10.2 mi. Project 1990, Wilson Co., to N. L. Teer, Durham, $37,483. Grand total $538,070. Noted Oct. 29.

**Florida**—State Hy. Dept., Tallahassee, lime rock paving 8.16 mi. Project 19, Hamilton Co., to Duval Eng. & Contg. Co., Jacksonville, Fla. $160,399, and 10 mi. Project 655, Highlands Co., to H. E. Wolfe, St. Augustine, $150,607; grading 15.39 mi. Project 48, St. Johns Co., and 13.81 mi. Project 49, Flagler Co., to A. J. Hoffman, Louisville, Ky., $158,009 and $118,337 respectively, 8.03 mi. Project 663, Citrus Co. and 7.11 mi. Project 679, Hernando Co., to Taylor Contg. Co., Wilsonville, Ala., $78,132 and $66,122 respectively, 17.35 mi. Project 621 Okaloosa Co., to Penton-Mathis Constr. Co., Florala, Ala. $103,225, 8.53 mi. Project 631, Holmes Co., to E. P. Toulmin, Mobile, Ala. $117,582, 14.19 mi. Project 648, Hardee Co., to Federal Contg. Co., Nashville, Tenn. $85,867, 8.21 mi. Project 658, Washington Co., to Meyers Constr. Co., Hattiesburg, Miss. $58,227, and 6.45 mi. Project 682, Citrus Co., to Caye-Andrews Constr. Co., Americus, Ga. $74,578. Grand total $1,171,085. Noted Oct. 22.

**Ala., Montgomery** — Sheet asphalt surfacing 8 blocks various streets in residential section, 30, 40 and 50 ft., to Hodgson & Jones, 1st Natl. Bank Bldg., $46,728. Engrs. est. $48,000.

**Miss., Gulfport**—Yellen Bros., 428 Brisbane Bldg., Buffalo, N. Y., improving Gulf Shore Manor, here, 4,200 sq.yd. sheet asphalt paving, 2,800 ft. coping and 140 ft. circular curbing, to Southern Paving Constr. Co., Volunteer Life Bldg., $6,720; 14 lighting standards, to Magin Electric Co., Biloxi, $124 each; and 1,400 ft. 4 in. c.i. water mains and connections, to Hamilton Bros., Gulfport, $2,100.

**Ohio**—Dept. Highways & Pub. Wks., Columbus, drainage structures, etc., on 4.924 mi. Sect. "C" Dennison-National Rd., Harrison Co., to A. B. Shaw, Delaware, $97,834; grading, bridging and Kentucky rock asphalt surfacing 2.461 mi. Sect. "E" Holgate-Miller City Rd., and 0.343 mi. Sect. "Miller City" same road, both Putnam Co., to D. C. Ingold, McComb, $55,491 and $8,693 respectively. Grand total $162,018. Noted Oct. 15.

**O., Cincinnati**—Dept. Pub. Serv., granite block repaving Walnut St. between 3rd and Front Sts., to Hannon-Hughes Co., 312 East 8th St., $39,095. Engrs. est. $41,450. Noted Oct. 29.

**Mich., Detroit**—Dept. Pub. Wks., to M. R. Hanna Co., 2700 Six Mile Rd., grading and 3½ in. sheet asphalt on 8 in. concrete paving 5,470 sq.yd. Exeter Ave. $23,055, 4,230 sq.yd. Carman Ave., $18,225, 5,750 sq.yd. Mapleridge Ave. $24,170, 2,500 sq.yd. Hasse Ave. $10,844, 4,660 sq.yd. Commer Ave., $19,937, 3,450 sq.yd. Charlemagne Ave. $15,499, to Detroit Asphalt Paving Co., 909 Transportation Bldg., 5,320 sq.yd. Girardin Ave. $23,146 and 1,142 sq.yd. Lambert Ave. $5,436; to Otis Cement Constr. Co., 806 Hammond Bldg., 6 in. concrete paving 2,320 sq.yd. Alley 2561 $5,494, 1,930 sq.yd. Alley 2562 $4,513, 1,595 sq.yd. Alley 2563 $3,946, 1,420 sq.yd. Alley 2564 $3,506, 1,300 sq.yd. Alley 2565 $3,150, 710 sq.yd. Alley 2567 $1,749, 500 sq.yd. Alley 2568 $1,276, 1,440 sq.yd. Alley 2570 $3,422 and 174 sq.yd. Alley 2572 $524. Grand total $167,891. Noted Nov. 26.

**Ill., Peoria**—Bd. Local Impvts., grading, curbing and concrete paving 3 blocks West Republic St., 30 ft., and 0.5 mi. Lincoln Ave., 20 ft., to Hartmann Clark Bros. Co., Dwight, $10,869 and $18,005 respectively. Engrs. ests. $14,363 and $26,436 respectively. Noted July 30 and Aug. 6.

**Wis., Sheboygan**—City will concrete curb and gutter 50,440 lin.ft. and pave with concrete 103,100 sq.yd. 14 streets, by day labor. C. V. Boley, City Hall, engr.

**Kan., Minneapolis**—Ottawa Co. improving 4.768 mi. Sect. 3, Federal Aid Project 185, 31,051 cu.yd. excav., 6,127 cu.yd. borrow, etc., to Hall-Hardman Constr. Co., Alton, $18,058; also two 25 ft. and two 50 ft. deck girder bridges, to W. B. Honska, Belleville, $18,219. Noted Oct. 29.

**Tex., Coleman**—Asphalt on crushed rock paving about 7 blocks Commercial Ave., to J. McCarthy, Marshall, approximately $60,000.

**Tex., Henrietta**—Clay Co., gravel surfacing 2.5 mi. Henrietta-Jacksboro Rd., and 2.5 mi. Henrietta-Petroleum Rd., to C. H. McClellan, Wichita Falls, $29,781. Engrs. est. $32,000. Noted Dec. 3.

**Tex., Sweetwater**—M. L. Trammell, city secy., 2 in. warrenite bitulithic on 5 in. concrete paving 31,350 yd. various streets, to West Texas Constr. Co., Cotton Exch. Bldg., Ft. Worth, $116,888. Engrs. est. $125,000.

**Okla., Tulsa** — To Standard Paving Co., 1742 East 6th St., grading, paving, etc. 9,465 sq.yd. Birmingham Ave. and Birmingham Pl., Dist. 672, $36,785; to H. L. Cannady Co., 1122 South Lewis Ave., 1,232 sq.yd. Yorktown Ave., Dist. 673 $6,057, 4,299 sq.yd. 7th St., Dist. 675 $20,240 and 1,299 sq.yd. Lansing Ave., Dist. 679 $5,837; to Western Constr. Co., Daniels Bldg., 1,597 sq.yd. Union Ave., Dist. 674 $8,256, 1,763 sq.yd. Young St., Dist. 676 $7,817 and 310 sq.yd. Seminole St., Dist. 678 $10,279; to E. W. Mead, Sand Springs, 826 sq.yd. Iroquois Ave., Dist. 677, $3,154. Grand total $98,425.

**California**—State Hy. Comn., Sacramento, (**e. e. means engineers estimate**), concrete paving 6.7 mi. road between Latigo Creek and Las Flores Canyon, Los Angeles Co., to E. Johnson & Sons, 4183 South Normandie Ave., Los Angeles, $209,446, e. e. $231,338; 13.2 mi. road between Camarill and Ventura, Ventura Co., to H. H. Peterson, Spreckels Bldg., San Diego, $323,314, e. e. $362,306; 3 mi. road between Beaumont and Banning, Riverside Co., to G. Herz & Co., San Bernardino, $81,313, e. e. $95,454. Grand total $614,092. Noted Oct. 15 and 22.

**Calif., Alhambra** — Grading, curbing, sidewalks and 9 in. 3 course asphaltic concrete paving approximately 2½ mi. Valley Blvd., to Hall-Johnson Co., 905 Westminster St., West Alhambra, $279,875.

**Calif., Glendale**—To C. L. Hill, 516 South Glendale Ave., improving Palmer Ave., Adams and Tyler Sts., 11,710 lin.ft. curbing $0.50 per lin.ft., 25,108 sq.ft. guttering $0.20 sq.ft., 11,761 sq.ft. sidewalk $0.17, 130,242 sq.ft. earth excav. $0.05, and 55,408 sq.ft. 4 in. sphaltic concrete paving $0.18 sq.yd., total approximately $45,815. Engrs. est. $46,216.

**Calif., Hawthorne**—Curbing, walks, guttering and 4 in. asphaltic concrete paving portions of Rhode Island, Sausal and Bellona Aves., to E. O. Earl, 366 East 58th St., Los Angeles, approximately $58,263.

**Calif., Los Angeles** — Grading, curbing and concrete paving, etc. San Fernando Mission Blvd., Balboa Ave., etc., to J. Martin, 789 Lyon St., $62,090.

**Calif., Los Angeles** — Grading, curbing, sidewalks and rock oiled surfacing, etc. 184,173 sq.ft. Aranbe Ave., etc., Impvt. 321, to Pierson & Morris, Bradbury Bldg., $34,995. Noted Nov. 26.

**Calif., Los Angeles**—Curbing, sidewalks, rock and oil on concrete paving Hub St. between Avenues 51 and 53, to E. M. Le Baron, Bank of Italy Bldg. $90,705, Ivarene Ave. between Vine and Willetta Aves., to J. Farquhar, P. O. Box 454, Lankershim, $25,645, O'Farrell St., to W. W. Mackey, Lane Mortgage Bldg., $92,390; 2 in. Warrenite bitulithic on 5 in. concrete paving Harbor Blvd., to Griffith Co., Railway Bldg., $50,395; curbing, sidewalks and concrete paving Childs Ave. from Scotland to Sunset Blvds., to W. Liddington, 420 East 60th St., $83,700. Grand total $342,835. Noted Nov. 12 and 19.

**Calif., Los Angeles**—To Southern Pacific Constr. Co., 2813 Glendale Blvd., improving portion of Cahuenga Blvd. (1st unit), approximately 212,000 sq.ft. 10 in. concrete paving $0.275 per sq.ft., 20,000 sq.ft. 5 in. asphaltic concrete paving $0.32, 5,300 ft. heavy curbing $0.60 and 500 lin.ft. gutter $0.30, total approximately $69,000; also to Braun, Bryant & Austin, P. O. Box 477, Inglewood, 1½ in. National on 5 in. concrete paving 81,434 sq.ft. portions of Orlando Ave., $32,735.

**Calif., Los Angeles** — Los Angeles Co., grading and concrete paving 1.04 mi. portion Lucille St., Road Impvt. 404, to Dudley & Hicks, 2364 Atlantic St., Long Beach, $48,905.

**Calif., Manteca** — Grading, curbing and 6 in. concrete paving portion of Yosemite Ave., to J. F. Knapp, Turlock, $25,550.

**Calif., Martinez**—J. H. Wells, clk. Contra Costa Co., grading, curbing, guttering and 3 in. asphalt paving 15,000 sq.ft. Ardmore and Kingstone Rds., etc., to M. Blumenkranz, Farmers & Merchants Bank Bldg., Stockton, $19,238; also grading and 1 mi. concrete paving, etc., in connection with subway under Santa Fe R.R. tracks near Antioch Bridge, to Kaiser Paving Co., Amer. Bank Bldg., Oakland, $54,671.

**Calif., Monterey Park** — Curbing, sidewalks and concrete paving, etc., 105,000 sq. ft., Hellman Ave., to H. E. Cox, Slavin Bldg., Pasadena, $31,605. Noted Nov. 5.

**Calif., San Diego**—Common Council, grading, curbing, guttering, sidewalks and concrete paving 216,096 sq.ft. 30th, K and N Sts., to J. Hansen, 3168 J St., $62,510; 220,418 sq.ft. Pearl St., Girard Ave., etc., to E. P. Ford, 4200 Highland Ave., East San Diego, $55,132; 88,653 sq.ft. Belvedere St., Neptune Pl., etc., to H. H. Peterson, Spreckels Bldg., $28,373. Grand total $146,015. Noted Oct. 29.

**Calif., San Jose**—Grading, curbing, guttering and 1½ in. Durite asphaltic concrete on 3 in. asphaltic concrete paving Shortridge Ave. between 24th and King Sts., to A. J. Granfield, 67 Hoff Ave., San Francisco, $36,379.

**Calif., Santa Barbara**—Curbing, guttering, 1½ in. asphaltic concrete on 5 in. concrete paving, etc., portions of Castillo St., etc., to A. L. Pendola, 1709 Chapala St., approximately $60,500. Noted July 23.

**Ont., Midland**—Concrete paving King St., to Brennan Paving Co., 400 Gage Ave., Hamilton. Engrs. est. $35,000. Noted Nov. 12.

## Buildings—Industrial

### PROPOSED WORK

**Mass., Boston** — FACTORY — Bay State Furniture Co., Business St., Hyde Park, having plans prepared altering and constructing nine 1 and 2 story additions. To exceed $40,000. Private plans.

**Mass., Chelsea** (br. Boston) — REPAIR and SERVICE STATION — J. Seeley Co., 115 Park St., having plans prepared by S. S. Eisenberg, 46 Cornhill St., Boston, 1 story, brick, Pearl St. $40,000.

**Mass., Hudson**—RUBBER FACTORY—Firestone-Apsley Rubber Co., plans 1 story, cement and brick factory. $40,000. Engineer and architect not selected.

**Mass., Lynn** — TURBO GENERATOR TEST BASE — General Electric Co., Western Ave., having plans prepared 1 story, 40 x 120 ft., rein.-con. turbo generator test base, wood pile foundation. J. G. Trudinger, c/o owner, engr.

**R. I., Pawtucket**—WEAVING MILL—Royal Weaving Co., Central Ave., J. Ott, agt., plans 100 x 254 ft., brick and steel addition. $500,000.

**Conn., Mriden**—BOILER HOUSE, etc.—Connecticut School for Boys, c/o superintendent, having plans prepared by W. T. Arnold, 34½ West Main St., 1 story rein.-con., brick and steel boiler house, kitchen, laundry, etc., Colony St. $150,000. Noted Sept. 10.

**Conn., Norwalk**—HAT FACTORY—Norwalk Hat Mfg. Co., Wilton St., having plans prepared 1 story, 82 x 125 ft. rein.-con., brick and steel, plain foundation, School and Wilton St. Private plans.

**N. Y., New York**—SLAUGHTER HOUSE—New York Stock Yards, Inc., 629 West 40th St., plans 3 story, 100 : 100 ft., rein.-con., brick and steel addition, plain foundation. Engineer and architect not selected.

**N. J., Atlantic City**—PRESS—W. F. R. Koelle, Archt., Otis Bldg., Phila., Pa., soon lets contract 1 story, 100 x 155 ft. rein.-con. and brick, plain foundation, North Carolina and Caspian Sts. here, for News Publishing Co. $200,000.

Buildings—Industrial (Continued)

**W. Va., East Steubenville** (mail Wellsburg) — COKE PLANT — Wheeling Steel Corp., Wheeling Steel Corp. Bldg., Wheeling, plans 57 new by-product ovens increasing production capacity from 1,000 to 1,700 tons daily. $1,000,000. Private plans.

**North Carolina** — FACTORIES — H. Margerum, 1120 Riverside Ave., Trenton, N. J., purchased plant of Erwin Feldspar operations and 10,000 acres of Feldspar mine properties in Mitchell, Yancy and Avery Counties, here, and plans enlarging same, incl. plant at Spruce Pine for manufacture of pottery and pottery products. $800,000.

**N. C., Thomasville**—FACTORY—Thomasville Bedding Co., plans factory.

**Ga., Atlanta**—PLANT—Coca Cola Bottling Co., 460 Edgewood Ave., having plans prepared by Lockwood Greene & Co., Healey Bldg., 2 story and basement, 125 x 175 ft., rein.-con. and brick plant. $80,000.

**Ga., Valdosta** — MANUFACTURING—S. B. Breedlove plans ice cream manufacturing plant. $50,000.

**Fla., Clewiston**—SUGAR REFINERY—B. D. Dahlberg, pres. Celotex Co., 645 North Michigan Ave., Chicago, Ill., having preliminary sketches made sugar refinery, here. $10,000,000. Smith & Ames, 15 William St., New York City, N. Y., engrs.

**Fla., Tampa**—PLANT—Atlantic Ice & Coal Corp., Washington St. Viaduct, Atlanta, Ga., plans addition, increasing capacity from 100 tons to 240 tons daily, here.

**Fla., Tampa**—ICE PLANT—Citizens Ice Corp. plans 60 ton ice plant, North Ave. and Oak St. $75,000.

**Fla., Tampa**—PLANT—Coca-Cola Wks., Cass and Pierce Sts., plans 2 story, 100 x 200 ft. bottling plant. $100,000.

**Tenn., Bristol** — HYDRO-ELECTRIC PLANT—Bristol Gas & Electric Co., (subsidiary of City Service Co.—H. L. Doherty & Co., 60 Wall St., New York City), plans hydro-electric plant on Watanga River, here. $500,000.

**O., Cleveland** — LAUNDRY — Cleveland Sanitary Wet Wash Co., H. H. Wood, mgr., 6202 Central Ave., plans 1 story and basement, brick, steel and concrete, Beckman St. $40,000. Engineer and architect not selected.

**O., Cleveland**—FACTORY—Ohio Confection Co., N. Friedman, pres., 6110 Grand View Ave., having plans prepared by R. H. Hinsdale, Erie Bldg., 1 story, brick and steel, 6110 Grand Ave. $40,000.

**O., Van Wert** — CHEESE FACTORY — Monroe Cheese Co., Monroe, N. Y., E. Frey, genl. mgr., had plans prepared by R. R. Graham, 62 North St., Middletown, O., 1 story and basement, 220 x 502 ft., hollow tile and steel, along Cincinnati Northern R.R. tracks, here. $120,000.

**O., Wooster**—FACTORY—Coxon Belêck China & Illuminating Co. plans 1 story, 50 x 175 ft., brick and steel factory building. $45,000. G. Stone, purch. agt.

**Ill., Rock Island**—CLOTHING FACTORY—J. L. Taylor Co., 315 South Peoria St., Chicago, having plans prepared by Cervin & Horn, Safety Bldg., 4 story, 60 x 300 ft., rein.-con. and brick, 5th St. between 22nd and 23rd Sts. Project will not be constructed for a year.

**Ill., Rock Island** — PLANT — Service Rubber Co. having plans prepared by Carvin & Horn, Rock Island, 3 story, 84 x 132 ft., brick and timber, 2nd St. and 15th Ave. $100,000. Project not to be constructed for a year.

**Wis., Milwaukee** — FACTORY — Plastic Products Co., 123 Reservoir Ave., had plans prepared by A. L. Seidenschwartz, 290 3rd St., 1 and 2 story, 78 x 200 ft., brick and timber, plain foundation, Port Washington.

**Wyo., Torrington**—SUGAR FACTORY—Wyoming-Nebraska Sugar Co., controlled by Holly Sugar Co., Colorado Springs, Colo., plans 600 to 800 ton sugar factory, here.

**Mo., Kansas City**—BATTERY FACTORY—Natl. Lead Battery Co., 1704 Roblyn Ave., St. Paul, Minn., having plans prepared 1 and 2 story approximately 100 x 300 ft., rein.-con. addition, 16th and Oakley Sts., here. To exceed $150,000. Private plans.

**Tex., Eagle Pass**—ICE PLANT—Kifuri Bros. plans ice plant, 15 ton capacity. $50,000.

**Tex., Madisonville** — REFRIGERATION — Western Pub. Serv. Co., Bryan, plans refrigeration plant, here. $40,000. Private plans.

**Tex., Weslaco** — ICE PLANT — Valley Electric & Ice Co., c/o S. M. Udden, and Texas Central Power Co., Frost Natl. Bank Bldg., San Antonio, having plans prepared by J. M. Marriott, Frost Natl. Bank Bldg., San Antonio, ice plant addition 20 ton capacity. $70,000.

**Okla., Tishomingo** — PLANT—Oklahoma Gas & Electric Co., plans 20 ton ice plant and electric system. $100,000.

**Calif., Auburn** — COLD STORAGE PLANT, etc.—Union Ice Co. made plans ice manufacturing and cold storage plant, rein.-con., 30 ton daily capacity, High St. $60,000. Eng. Dept. of Owners, engrs.

**Ont., Lakefield** — POWER HOUSE — Canada Cement Co., having plans prepared by Kerry & Chase, engrs., Confederation Life Bldg., Toronto, 2 unit, 16 ft. head, 900 hp. each hydro-electric development, incl. concrete dam, power house, etc. $250,000.

### BIDS DESIRED

**Mass., Atlantic** (Boston P. O.)—MILL—See "Contracts Awarded."

**Mass., Boston**—REPAIR and SERVICE STATION—Meltzer & Snider, Strathmore Rd., Brookline, taking bids 1 story 135 x 175 ft., rein.-con., Station St. $100,000. S. S. Eisenberg, 46 Cornhill St., Archt.

**Mass., Chicopee** — FACTORY and STORAGE — Sitary Sausage Mfg. Co. taking bids 2 story and basement, 48 x 102 ft. with 22 x 25 ft. ell, rein.-con., brick and steel, Chester St. $75,000. J. W. Foster, 105 Bridge St., Springfield, archt.

**Mass., Dorchester** (Boston P. O.) — BAKERY—Massachusetts Baking Co., 65 East Cottage St., taking bids 3 story, 30 x 85 ft., brick addition. $40,000. McFarland & Laurie, 162 Newbury St., Boston, archts.

**Pa., Beaver Falls** — PLANT — Mayer China Co., taking bids 1 story, 120 x 120 ft. plant addition. $50,000. Private plans.

**Wis., Milwaukee**—FACTORY—See "Contracts Awarded."

**Tex., Victoria**—GENERATING PLANT—Victoria Ice & Electric Co., (subsidiary Central Power & Light Co., of which Middle West Utilities Co., 72 West Adams St., Chicago, Ill., is parent concern) taking bids electric generating plant. $500,000. Private plans.

**Okla., Haskell**—GAS PLANT—See "Contracts Awarded."

**Okla., Norman**—STORAGE ROOM—See "Contracts Awarded."

### BIDS RECEIVED

**Minn., Bemidji**—HEATING and POWER PLANT, etc.—State Dept. of Administration & Finance, Capitol Bldg., St. Paul, Nov. 30, general contract heating and power plant, also 3 story and basement addition to college, both rein.-con. and brick, at State Teachers College, here, from A. G. Wahl & Son, 616 7th Ave. S., St. Cloud, $98,540. Noted Nov. 26.

### CONTRACTS AWARDED

**Mass., Atlantic** (Boston P. O.)—MILL—Norfolk Woodworking Co., Braintree, will build 1 story, 140 x 260 ft., rein.-con. and steel, wood pile foundation, $225,000. Work will be done by separate contracts. L. S. Joslin, 339 Newbury St., Boston, archt. Noted Oct. 22.

**Mass., Clinton**—MILL—Roubaix Mills, Inc., 792 Main St., 1 story, 100 x 220 ft., rein.-con. and brick, to Innamorti Bros., 135 Clark St. Archts. est. $75,000.

**Mass., Lynn**—OXYGEN HYDROGEN—General Electric Co., 920 Western Ave., 1 story, 60 x 100 ft., brick and steel, to C. W. Wright Co., 23 Central Ave. Archt. est. to exceed $40,000.

**Conn., Southington** — INDUSTRIAL — Peck, Stow & Wilcox, 2 story, brick and steel addition, to H. Wales Lines Co., State St., Meriden.

**Pa., Swissvale**—FORGE and MACHINE SHOP—Union Switch & Signal Co., general contract, 1 story, 22 x 122 ft. forge and machine shop, to Hughes Foulkrod Co., Stevenson Foster Bldg., Pittsburgh. Archts. est. $40,000.

**Del., Wilmington** — MACHINE ROOM — Jessup & Moore Paper Co., Commercial Tribune Bldg., Phila., Pa., 39 x 361 ft., concrete, brick and steel addition, Augustine Mills, here, to M. C. Tuttle Co., 862 Park Sq. Bldg., Boston, Mass.

**Ill., Chicago**—FACTORY and STORAGE—J. C. Llewellyn Co., archts., 38 South Dearborn St., masonry contract 3 story, 120 x 123 ft., addition, here, to B. J. Regnell Co., 19 South La Salle St., for Dole Valve Co., 1923 Carroll Ave. $60,000.

**Wis., Kenosha** — MANUFACTURING — Simmons Co., 160 Exchange St., brick and steel top addition, to A. J. Bennett Co., 38 South Dearborn St., Chicago, Ill. Archts. est. $40,000.

**Wis., Milwaukee** — FACTORY — Byrne Bros. Co., 3112 Burleigh St., will build 2 story, 34 x 120 ft., brick and timber, plain foundation, 30th St., by day labor. $40,000. Private plans.

**Wis., Milwaukee**—GARAGE, SALES and REPAIR—G. W. Boller, 370 Brady St., general contract 120 x 143 ft. garage, sales and repair building, 284-288 Farwell Ave., to R. L. Reisinger & Co., 484 Oakland Ave. $100,000.

**Ia., Mason City**—PLANT—Standard Oil Co., general contract plant, 9th St., to M. M. Moen Co., 818 South President Ave., about $100,000.

**Ia., Mason City** — STORAGE — J. E. Decker & Sons, general contract 5 story, 60 x 150 ft., concrete and brick, West 14th St. N. E., to M. M. Moen Co., 818 South President Ave., $75,000.

**Minn., Montgomery** — FACTORY — Minnesota Valley Canning Co. general contract, brick and concrete factory, to J. B. Nelson Constr. Co., 403 Belgrade Ave., Mankato, approximately $150,000.

**Neb., Omaha**—ICE PLANT—City Ice & Fuel Co., 1935 Euclid Ave., Cleveland, O., remodeling and constructing 2 story and basement addition, 13th and Chicago Sts., here, to Parsons Constr. Co., Burgess-Nash Bldg., $50,000. Noted Nov. 26.

**Okla., Haskell**—GAS PLANT—Oklahoma Natural Gas Co., 117 West 4th St., Tulsa, will rebuild natural gas compressor plant, incl. five 600-hp. engines and compressors, etc., recently destroyed by fire, here, by day labor. $75,000. A. W. Lee, Tulsa, engr.

**Okla., Norman** — STORAGE ROOM — Norman Milling Co. will build 15 ton capacity storage room addition to ice plant, etc., by day labor. $50,000. F. Cobb, Norman, engr.

**Calif., Fresno** — FREIGHT DEPOT — Atchison, Topeka & Santa Fe R.R., 1001 3rd St., San Francisco, (1st unit) 2 story and basement, 48 x 70 ft., rein.-con., here, to Sumner-Sollitt Co., Delta Bldg., Los Angeles, $50,000.

## Buildings—Commercial

### PROPOSED WORK

**Mass., Boston** — GARAGE — Park Sq. Garage, Inc., c/o Natl. Engr. Corp., constr. mgrs., 40 Central St., having preliminary sketches made about 250,000 sq.ft. floor space, rein.-con. garage. Engineer and architect not selected. This corrects report in Nov. 26 issue.

**Mass., Boston**—HEALTH UNIT—City, G. E. White Fund, City Hall, having sketches made by Coolidge, Shepley, Bulfinch & Abbott, Ames Bldg., 3 story and basement, 55 x 85 ft. brick, limestone and granite, plain foundation, Dorchester St. between Gold and West 4th Sts. $250,000.

**Mass., Boston** — HOSPITAL — Massachusetts General Hospital having plans prepared by Coolidge, Shepley, Bulfinch & Abbott, Ames Bldg., 13 story and basement, brick, Fruit St. $1,000,000. Noted Oct. 1.

**Mass., Brockton**—MARKET—City, c/o Funk & Wilcox, archts., 26 Pemberton Sq., Boston, having plans prepared 2 story, brick and stone, Main and Winthrop Sts., here. $250,000.

**Mass., Brookline** (br. Boston)—APARTMENT — Eleven Hundred and Ninety Beacon St. Trust, c/o C. Newhall, 73 Tremont St., Boston, having plans prepared by H. A. Perkins, 5 Joy St., Boston, 8 story and basement, 30 x 160 ft., brick and steel apartment. $200,000.

**Mass., Cambridge** (Boston P. O.) — STOREHOUSE—Houghton & Dutton Co., Tremont St., Boston, plans storehouse, here. To exceed $150,000. Engineer and architect not selected.

**Mass., Lowell** — HOSPITAL — Lowell General Hospital, J. F. Sawyer, treas., having preliminary sketches made by Kendall, Taylor & Co., 142 Berkley St., Boston, 2 story and basement hospital. To exceed $150,000.

**Mass., Somerville** (Boston P. O.) — APARTMENT—H. F. Lilley, 21 Elmwood Park, Malden, having sketches made by C. F. Springall, 50 Concord Ave., Malden, 7 story and basement, brick, here. $200,000.

**N. Y., Brooklyn** — APARTMENT — Shampan & Shampan, engrs. and archts., 188 Montague St., preparing plans 110 x 210 ft., brick, steel and stone, plain foundation, Ocean Ave. near Avenue I. $800,000. Owner's name withheld.

**N. Y., Brooklyn** — HOSPITAL — Coney Island Hospital, Ocean Parkway soon takes bids brick steel and stone addition, plain foundation. $1,000,000. Dodge & Morrison, 160 Pearl St., New York City, engrs. and archts.

**N. Y., Brooklyn** — HOSPITAL — Kings Co. Hospital, Clarkson St., soon takes bids brick, steel and stone addition, plain foundation, Clarkson St. $1,000,000. Dodge & Morrison, 160 Pearl St., New York City, engrs. and archts.

**N. Y., Brooklyn**—HOTEL—Independent Assets Corp., 885 Flatbush Ave., plans 15 story, brick, steel and stone, plain foundation. $1,000,000.

**N. Y., Brooklyn** — Y. W. C. A., 3rd and Schermerhorn St., having sketches made by F. L. Ackerman, engr. and archt., 25

Buildings—Commercial (Continued)

West 44th St., New York City, brick, steel and stone plain foundation, 3rd and State Sts., here. $300,000.

**N. Y., New York** — APARTMENT — S. Schack, c/o Moore & Landseidel, engrs. and archts., 148th St. and 3rd Ave., having plans prepared brick, steel and stone, plain foundation, Macomb Rd. $1,000,000.

**N. Y., New York**—APARTMENT—Yuni Bros., Inc., c/o B. Sackheim, engr. and archt., 166 Montague St., Brooklyn, having plans prepared 5 story, brick, steel and stone, plain foundation, 172nd St. and Metcalf Ave., here.

**N. Y., New York**—APARTMENT—One Thousand Eighty One Park Avenue Corp., c/o Schwartz & Gross, engrs. and archts., 347 5th Ave. having plans prepared 15 story, 100 x 100 ft. brick, steel and stone, plain foundation, 1081 Park Ave. $1,000,000.

**N. Y., New York** — HOSPITAL — Bronx Hospital, Fulton Ave., having plans prepared by L. A. Abramson, engr. and archt., 46 West 46th St., brick, steel and stone addition, plain foundation. $750,000.

**N. Y., New York**—LOFT—P. Glickman, c/o Shampan & Shampan, engrs. and archts., 188 Montague St., Brooklyn, having plans prepared 25 story, brick, steel and stone, plain foundation, 309 7th Ave., here. $2,500,000.

**N. Y., New York** — LOFT — Three Hundred Seven West 34th Street Inc., c/o H. I. Oser, engr. and archt., 1449 Bway., having plans prepared 18 story, 100 x 150 ft. brick, steel and stone, plain foundation, 307 West 38th St. $1,500,000.

**N. Y., New York** — PRINTING and PUBLISHING — New York American and Evening Journal, 238 Williams St. plan three printing and publishing plants, incl. 7 story, 200 x 200 ft. 11th Ave. and 54th St., 4 story, South and Water Sts., and 113 x 141 ft., 149th St. and Mott Ave. all rein.-con., concrete pile foundations. Engineer and architect not selected.

**N. J., Jersey City**—APARTMENT—One Hundred Thirty-Five Belmont Ave., Inc., c/o Dodge & Morrison, engrs. and archt., 60 Pearl St., New York City, having plans prepared 9 story, brick, steel and stone, plain foundation, Bergen and Belmont Aves., here. $350,000.

**Fla., Miami**—J. E. Junkin, Jr., pres. of Directors Y. M. C. A. plans 8 story, 150 x 270 ft., Northwest 1st St. and River Dr. $1,000,000.

**Fla., Sebring**—BANK—Highlands Bank & Trust Co., having plans prepared by F. A. Bishop, Sebring and Richmond, Va., 9 story, on site of old bank and office building. $250,000.

**Fla., West Palm Beach** — GARAGE — H. P. Byan c/o B. Kitchell, archt., West Palm Beach, plans 8 story, 140 x 150 ft., brick, steel and rein.-con. garage. $500,000.

**O., Cleveland** — COMMERCIAL — One Hundred and Seven Fairmount Co., c/o D. E. Wilcox, realty operator, State Bank Bldg., having plans prepared by A. M. Allen & Co., 7016 Euclid Ave., 2 story and basement, brick nad steel, Carnegie Ave. and Fairmount St. $150,000.

**O., Cleveland** — COMMERCIAL and APARTMENT — Greenwich Realty Co., 3391 East 134th St., had plans prepared by L. Skolnik, Auditorium—Garage Bldg., 3 story and basement, 56 x 183 ft., brick commercial and apartment. $150,000.

**O., Cleveland** — COMMERCIAL and APARTMENT — A. Linsky, 3060 Berkshire Rd., Cleveland Heights, had plans prepared by M. Weis, Union Bldg., 3 story and basement, 80 x 159 ft., brick, East 138th St. $150,000.

**O., Columbus** — OFFICE — State Legislature plans office building, from 3rd St. south of Capital St. to Lazell St. $4,000,000. V. Donahey, gov.

**O., East Cleveland** (Cleveland P. O.)—THEATRE—The Eucor Realty Co., c/o F. S. Jones, pres., Guardian Bldg., Cleveland, purchased site and plans 1 story, brick, steel and concrete, of 2,500 seating capacity, Euclid and Superior Aves., here. Engineer and architect not selected.

**O., Uhrichsville** — COMMERCIAL and HOTEL — Syndicate of Investors, c/o P. T. Cahill, archt., 4502 Prospect Ave., Cleveland, having preliminary plans prepared 2 story and basement, concrete, brick and steel, here. $200,000.

**Ind., Gary**—CITY HALL—City Bd. of Wks. having plans prepared by G. W. Maher, 157 East Erie St., Chicago, Ill., 3 story and basement, 75 x 170 ft., brick, steel and rein.-con., concrete pile foundation, 4th St. $500,000.

**Mich., Detroit** — APARTMENT — I. M. Lewis, archt., 503 Congress Bldg., takes bids about Dec. 23, 4 story and basement, 124 x 128 ft., rein.-con., brick and steel, plain foundation, Dumbarton Rd., for M. Tertel, 1058 Penobscot Bldg. $200,000.

**Mich., Detroit**—APARTMENT—J. Berman, 1314 Dime Bank Bldg., having plans prepared by C. N. Agree, 1133 Book Bldg., 4 story and basement, 86 x 144 ft., rein.-con., brick and stone, plain foundation, Ohio Ave.

**Mich., Detroit**—HOTEL—S. Plotkin, 604 Lafayette Bldg., had plans prepared by Pollmar & Ropes, 703 Hoffman Bldg., 4 story and basement, 85 x 165 ft., brick and timber, plain foundation, Lafayette and Hubbard Aves.

**Mich., Detroit** — OFFICE — Stormfeltz Lovely Co., Washington Blvd., having plans prepared by A. Kahn, 1000 Marquette Bldg., 6 story, rein.-con., brick and steel, Woodward and Grand Blvd. $300,000.

**Ill., Chicago** — APARTMENT — F. T. Hoyt and associates, 160 North La Salle St., having plans prepared by A. L. Alschuler, 38 East Jackson Blvd., 15 story and basement, about 104 x 115 ft., rein.-con. and steel, 1209-1217 Astor St.

**Ill., Chicago**—CLUB—Chicago Journeymens Plumbers Union, Room 701, 64 West Randolph St., takes bids about Dec. 10, 3 story, 135 x 175 ft., rein.-con., brick and steel, incl. auditorium, etc., 1340-1350 West Washington Blvd. $300,000. J. F. Denson, 720 North Michigan Ave., archt.

**Ill., Chicago**—CLUB—Medinah Athletic Club, T. J. Houston, pres., 11 South La Salle St., having preliminary sketches made 34 story, 100 x 150 ft. club building, incl. swimming pool, gymnasium, etc., Illinois St. and North Michigan Blvd. $6,000,000. Engineer and architect not selected.

**Ill., Chicago** — HOSPITAL — Poor Hand Maids of Jesus Christ, 4900 Thomas St., having preliminary sketches made by H. J. Gaul, 228 East Superior St., and takes bids about Feb. 1, 4 story hospital on 10 acre site, Lavergne and Lamon Aves., West Division and Thomas Sts. $1,000,000.

**Ill., Chicago**—HOTEL—W. A. Morrow & Co., archts., 6 North Michigan Ave., take bids about Dec. 20, 11 and 16 story, 54 x 75 ft., rein.-con., brick and stone, plain foundation, 4238-4240 Bway., for C. H. Lundberg, Room 707 Westminster Blvd. $400,000.

**Ill., Chicago**—HOTEL—L. C. Cohen and associates, 139 North Clark St., having preliminary sketches made by E. J. Meles, 109 North Dearborn St., and takes bids about Feb. 1, 14 story, 109 x 150 ft. hotel, Rush and Ontario Sts. $1,500,000.

**Ill., Libertyville**—THEATRE and STORE—Oppenhamer & Obel, archts., 503 Bollin Bldg., Green Bay, Wis., take bids about Dec. 9, 2 story and basement, 109 x 145 ft., concrete, brick, stone and terra cotta, here, for C. Gridley, c/o 1st Natl. Bank Bldg. $150,000. Noted Oct. 29.

**Ill., Peoria**—HOTEL—Hewitt & Emerson, archts., 1600 Peoples Life Bldg., takes bids about Dec. 16, Pere Marquette Hotel, 13 story and basement 123 x 171, rein.-con., brick and Bedford stone, concrete pile foundation, Main and Madison Sts. for E. C. May, et al, $1,500,000. Noted Aug. 6.

**Wis., Fond du Lac**—COURTHOUSE—Fond du Lac Co., c/o D. O'Rourke, chn. building com., 1006 Minnesota Ave., North Fond du Lac, having plans prepared by F. J. Stepnoski, Forest St., 2 story and basement, concrete and sandstone addition, plain foundation, here. $150,000.

**Wis., Kenosha** — STORE and APARTMENT—D. M. Korf, 217 Main St., having preliminary plans prepared by C. O. Augustine, Commercial Bank Bldg., 3 story and basement, 120 x 128 ft., brick and concrete, plain foundation, Sheridan Rd. $150,000.

**Wis., Oshkosh**—BANK and OFFICE—First Natl. Bank, Main and Washington Sts., had plans prepared by Hoggson Bros., 38 South Dearborn St., Chicago, Ill., 3 story and basement, 94 x 125 ft., stone and concrete, plain foundation, Main St. $300,000.

**Wis., Whitefish Bay** (Milwaukee P. O.)—HOTEL—G. H. Gottscholk & Co., 111 West Washington St., Chicago, Ill., having sketches made by Fridstein & Co., 111 West Washington St., Chicago, Ill., approximately 5 story hotel, known as Highland Beach, here. $2,000,000. Noted Oct. 29.

**Minn., Ely** — CITY HALL — City, c/o A. O. Knutson, city clk., having plans prepared by J. C. Taylor, Ely, probably 3 story and basement, rein.-con. and brick city hall. $150,000.

**Minn., St. Paul**—CHEMISTRY—State Bd. Administration & Finance, Capitol Bldg., having plans prepared by C. H. Johnston, 715 Capitol Bldg., 3 story and basement, rein.-con., brick and stone, for University of Minnesota. $250,000.

**Kan., Lawrence** — AUDITORIUM — Kansas University, c/o T. J. O'Neil, bus. mgr., having preliminary plans prepared by C. D. Cuthbert, State House, Topeka, 170 x 230 ft., 6,700 seating capacity, rein.-con. and stone auditorium. $250,000.

**Neb., Omaha**—PASSENGER STATION—Chicago, Burlington & Quincy R.R. Co., 547 West Jackson Blvd., Chicago, Ill., having plans prepared by W. T. Krausch, 547 West Jackson Blvd., remodeling and constructing addition, 10th and Mason Sts. $500,000.

**Mo., Kansas City**—OFFICE, BUSINESS and THEATRE—Midland Theatre & Realty Co., having plans prepared by Boller Bros., Huntzinger Bldg., Kansas City, and T. W. Lamb, 644 8th Ave., New York City, N. Y., 5 story (ultimately 12 story) and basement, 140 x 240 ft., fireproof, 13th St. between Baltimore and Main Sts. $3,000,000.

**Mo., Kansas City** — SHOP and APARTMENT — B. L. Hoffman, of B. L. Hoffman Investment & Constr. Co., 223 East 9th St., having plans prepared 6 story and basement, 125 x 200 ft., rein.-con., plain foundation, Main St. To exceed $150,000. Private plans.

**Mo., St. Louis** — THEATRE — H. Chouteau, International Life Bldg., having preliminary plans prepared by H. C. Kirschner, International Life Bldg., 2 story and basement, 50 x 150 ft., rein.-con., brick, stone and terra cotta, Delmar Blvd. near Grand Ave. $150,000.

**Mo., St. Louis**—THEATRE, STORE and APARTMENT—Sogoloff Bros., 1747 Park Ave., having preliminary plans prepared by Kennerly & Stegemeyer, Title Guaranty Bldg., 2 story and basement, rein.-con., brick and stone, 18th St. and Park Ave. $150,000. W. Goldman, c/o Kings Theatre, Kingshighway near Delmar Blvd., lessee.

**Tex., San Antonio** — HOTEL — Smith Bros. Development Co., Crockett and Amer. Express Bank Bldg., Dallas, having plans prepared by A. B. and R. M. Ayres, Bedell Bldg., 12 story, 135 x 145 ft., rein.-con., brick and stone, plain foundation, St. Marys and Villita Sts., here. $700,000. Noted Nov. 12.

**Tex., Wichita Falls** — HOTEL — M. Marchman, c/o Sorey & Vahlberg, archts., Baniff Bldg., Oklahoma City, Okla., having plans prepared 4 story and basement, 75 x 150 ft., rein.-con. and brick, here. $150,000.

**Okla., Wewoka**—STORE—Wewoka Trading Co. having preliminary plans prepared and soon takes bids rebuilding 2 story and basement, 90 x 140 ft., brick, plain foundation, Cedar St., recently destroyed by fire. $150,000. C. G. Cutlip, Wewoka, engr.

**Calif., Balboa**—APARTMENT and CLUB—Southern Seas Club, c/o Ruoff & Munson, archts., Story Bldg., Los Angeles, having plans prepared 8 story and basement, 160 x 225 ft., rein.-con., Balboa Beach. To exceed $500,000.

**Calif., Beverly Hills** — THEATRE, STORE and HOTEL—A. C. Murphy, c/o Engstrum Co., designers, 1564 North Western Ave., Los Angeles, having plans prepared 6 story, rein.-con. theatre, store and hotel. To exceed $150,000.

**Calif., Oakland**—ADMINISTRATION—Plans fireproof administration building, for Bd. Educ. $175,000-$200,000.

**Calif., Riverside** — AUDITORIUM — Voted $200,000 bonds municipal auditorium.

**Calif., San Diego** — HOME — San Diego Co., had plans prepared by C. Quayle, Spreckels Bldg., fireproof tubercular ward, detention and old peoples homes. $400,000.

**Calif., San Francisco**—APARTMENT—E. V. Lacey, 180 Jessie St., having plans prepared by J. C. Hladik, Monadnock Bldg., 6 story and basement, rein.-con., Leavenworth St., near Pine St. $150,000.

**Calif., San Francisco**—THEATRE and STORE—A. Levin, c/o Reid Bros., archts., 105 Montgomery St., having sketches made, 100x120 ft., 1,000 seating capacity, 24th and York Sts. $225,000.

## BIDS DESIRED

**Mass., Boston**—APARTMENT—See "Contracts Awarded."

**Mass., Dorchester** (Boston P. O.) — APARTMENT—See "Contracts Awarded."

**Mass., Newton** (Ind. br. Boston) — STORE and OFFICE — Central Railway Signal Co., 230 Boylston St., Boston, taking bids 2 story and basement, 65 x 100 ft., brick and stone, plain foundation, Centre St. $150,000. S. D. Hayden, 77 Highland Ave., Newtonville, archt.

**Mass., Revere** — THEATRE — Crescent Garden's, Inc., c/o W. A. Dykeman, archt., 15 Exchange St., Boston, taking bids altering and constructing 2 and 3 story and basement, brick and timber addition. $150,000.

**Conn., New Haven** — BUSINESS — See "Contracts Awarded."

**Conn., South Norwalk**—THEATRE—H. Goodwin, 16 Spring St., taking bids 1 story and basement, brick, steel and terra cotta, Washington St. $200,000. A. S. Meloy, 2965 Main St., Stratford, archt. Noted Nov. 19.

**N. Y., New York** — APARTMENT — See "Contracts Awarded."

Buildings—Commercial (Continued)

**N. J., Newark**—SALES and SERVICE—Bonnell Motor Co., 97 Washington St., taking bids 2 story and basement, rein.-con., Washington St. To exceed $150,000. Monks & Johnson, 99 Chauncy St., Boston, Mass., archts.

**Pa., Pittsburgh**—SALES and SERVICE—Eric Fisher Wood & Co., archts., Olive Ave. and Smithfield St., taking bids 2 story and basement, 106 x 150 ft., brick and steel, Center Ave., for F. D. Saupp, Inc., Center Ave. $150,000. Noted Sept. 3.

**Pa., Steelton**—MUNICIPAL—Dec. 18, by Boro., at Office Boro. Secretary, 114 Walnut St., municipal building and approach. C. J. Lappley, Parkside Bldg. 2nd and Locust Sts., Harrisburg, archt.; adv. E. N.-R. Dec. 10.

**D. C., Wash.**—Dec. 15, by A. B. Heaton, archt., 1211 Connecticut Ave. N. W., for recreation, administration and educational building for Y. W. C. A.

**Fla., Miami Beach**—CLUB—Dec. 19, by Carl G. Fisher Organization, c/o Schultze & Weaver, archts., 17 East 49th St., New York City, N. Y., Argonaut Club on La Gorce Island, North Miami Beach, here. $1,500,000. Noted Dec. 3.

**La., New Orleans** — OFFICE and GARAGE — Dec. 22, by W. E. Spink, archt., Canal-Commercial Bldg., superstructure Pere Marquette Bldg., 18 story, brick and terra cotta, Baronne and Common Sts., and 6 story garage in rear, here, for Chicago Syndicate, composed of E. M. Loeb, J. S. Joy, et al. Noted April 2.

**O., Cleveland** — APARTMENTS — S. J. Arnstine, 3384 East 134th St., taking bids two 2 story and basement, 78 x 82 ft., brick, East 133rd St. $160,000. L. Skolnik, Auditorium-Garage Bldg., archt.

**Mich., Detroit** — HOTEL — Bonnah & Chaffee, archts., 300 Barlum Bldg., taking bids 21 story and basement, 100 x 120 ft., rein.-con., brick and steel, caisson foundation, Cadillac Sq., for J. J. Barlum, 206 East Grand River St. $2,500,000.

**Mich., Detroit**—THEATRE—H. Brown, 1674 Atkinson Ave., taking bids 2 story and basement, 102 x 120 ft., rein.-con. and brick, plain foundation, Lawrence Ave. and Dexter Blvd. Kohner & Payne, 1402 Kresge Bldg., archts.

**Mo., St. Louis**—HOSPITAL—Dec. 15, by LeBeaume & Klein, archts., Compton Bldg., 8 and 10 story and basement, 90 x 150 ft., rein.-con., brick and stone, Kingshighway Blvd., for St. Louis Maternity Hospital, 4518 Washington Ave. Noted Sept. 24.

**Tex., San Antonio**—THEATRE—Dec. 15 (extended date), by W. J. Lytle, Princess Theatre Bldg., 5 story and basement, rein.-con., brick, steel and stone, plain foundation, Houston St., for San Antonio Amusement Co., and Famous Players-Lasky Corp., 485 5th Ave., New York City. $1,-500,000. Boller Bros., 114 West 10th St., Kansas City, Mo., engrs. and archts. Noted Dec. 3.

**Calif., Pasadena**—CITY HALL—Jan. 4, by City Directors, 3 story and basement, 50x352 ft. main section 100x100 ft. dome, 200 ft. high and two 63x188 ft. wings, brick, steel and rein.-con. city hall. $1,-000,000. Bakewell & Brown, 251 Kearny St., San Francisco, archts.

**Calif., San Diego**—HOSPITAL—Dec. 21, by San Diego Co., 5 story fireproof addition. $180,000 or more. C. Quayle, Spreckels Bldg., archt.

### BIDS RECEIVED

**Calif., Pasadena** — LODGE — Pasadena Lodge, Free and Accepted Masons, general contract 3 story and basement, South Euclid Ave., from J. H. Simpson, 548 South Raymond Ave., approximately $130,000. Noted Aug. 7, 1924.

### CONTRACTS AWARDED

**Mass., Boston** — APARTMENT — Two Hundred and Fifty Commonwealth Ave. Trust, c/o G. N. Jacobs, archt., 4 Park St., will build 5 story and basement, brick and limestone, 248-250 Commonwealth Ave. To exceed $200,000. Work will be done by separate contracts.

**Mass., Boston** — WAREHOUSE — Boston Wharf Co., 259 Summer St., 2 story and basement, 75 x 120 ft., brick and timber, 27-33 Stillings St., to J. M. and C. J. Buckley Co., 164 Federal St. Archts. est. $150,000.

**Mass., Dorchester** (Boston P. O.) — APARTMENT—L. Glazer, 84 Shawmut St., Chelsea, will build 3 story and basement, 60 x 200 ft., brick, 145-149 Intervale St., here, by day labor. $200,000. M. M. Kalman, 950 Old South Bldg., Boston, archt.

**Mass., Orange** — STORAGE — Minute Tapioca Co., 4 story, 100 x 165 ft., rein.-con., to M. C. Tuttle Co., 862 Park Sq. Bldg., Boston.

**Mass., Somerville** (br. Boston)—BANK—Somerville Trust Co., G. M. Barnum, pres., 1 story and basement, rein.-con. and brick, School St. and Bway., to F. C. Alexander, 294 Washington St., Boston. Archts. est. $150,000.

**Mass., Worcester** — THEATRE — E. W. Norton, archt., 44 Pearl St., 3 story, 52 x 191 ft., brick and steel, Elm St., to F. T. Ley Co., 230 Boylston St., Boston, for H. Steinberg. Noted Oct. 22.

**R. I., Newport**—CITY HALL—City, 3 story and basement, brick, steel and stone, Bway., to R. A. Smith, 28 Bellevue Ave., $185,943. Noted Nov. 5.

**R. I., Providence**—STORE, THEATRE and OFFICE—J. Conn, City Theatre, Weybosset St., brick and steel store, to W. E. Randall, New Fenner St.; foundation for office and theatre, to Mahoney & Tucker, 72 Weybosset St. Archts. total est. $500,-000. Noted Sept. 17.

**Conn., Hartford**—BANK—Society of Savings, 31 Pratt St., brick, stone and steel, to R. F. Jones Co., 36 Pearl St. Archts. est. $250,000.

**Conn., Hartford**—FIRE STATION—Bd. Contr. & Supply, Municipal Bldg., 3 story, 50 x 150 ft., brick and steel, Pearl St., to S. C. Poriss, 54 Church St., $217,287. Noted Nov. 26.

**Conn., New Haven**—BUSINESS—Sherman Constr. Co., 157 Winthrop Ave., will build 2 story and basement, 170 x 200 ft. rein.-con., brick and steel, plain foundation, George and Commerce Sts., $150,000. Work to be done by separate contracts. L. J. A. Julianelle, 59 Asylum St. archt. Noted Nov. 12.

**Conn., Winsted**—THEATRE—J. E. Panora, 247 North Main St., 2 story, rein.-con., brick and steel, plain foundation, to J. F. Carey, 145 Prospect St. Archts. est. $125,-000 to $150,000.

**N. Y., Brooklyn** — CLUB HOUSE — McKim, Mead & White, archts., 101 Park Ave., New York City, 12 story, 162 x 185 ft. brick and steel and stone, plain foundation, Boerum Pl., Schermerhorn and Livingston Sts., here, to M. C. Gredennick Co., 25 West 45th St., New York City, for B. P. O. E. Lodge 22, South Oxford St., $2,804,000. Former contract rescinded. Noted Nov. 26.

**N. Y., New York**—APARTMENT—H. J. Holding Co., c/o C. S. Clark, engr. and archt., 443 East Tremont Ave., will build 6 story, brick, steel and stone, plain foundation, St. Anns Ave., by day labor. $300,000.

**N. Y., New York**—APARTMENT—Ivy Constr. Co., c/o L. A. Abramson, engr. and archt., 46 West 46th St., will build 9 story, 75 x 90 ft. rein.-con., steel and stone, plain foundation, 206 West 78th St. by day labor. $300,000.

**N. Y., New York**—STORE and LOFT—Waco Co., Ltd., 33 West 47th St., 7 story, brick, steel and stone, plain foundation, 16 East 53rd St., to W. T. Murphy, 327 West 27th St. Archts. est. $200,000.

**N. J., Burlington**—BANK—H. A. Brown, archt., Burlington, 2 story, basement, and mezzanine, rein.-con., steel and stone, plain foundation, High and Broad Sts., to H. B. Miller, Edgewater Park, for Mechanics Natl. Bank. Archt. est. $150,000. Noted Nov. 19.

**Pa., Allentown**—HOTEL—Lehigh Hotel Corp., c/o Kaeppel & Kester, 6th and Linden Sts., Lehigh Hotel, 8 story and basement, 110 x 150 ft., rein.-con., brick and steel, plain foundation, to Barras Constr. Co., 17th and Locust Sts. Phila. Archts. est. $1,200,000.

**Pa., Phila.** — OFFICE — Perry, Shaw & Hepburn, archts., 177 State St., Boston, Mass., general contract 14 story and basement, 93 x 98 ft., rein.-con., brick and steel, plain foundation, 1409-15 Arch St., to Murphy Quigley Co., 1524 Sansom St., for United Gas Impvt. Co., Broad and Arch Sts. Archts. est. $1,000,000. Noted Nov. 12.

**Pa., Phila.** — SALES and SERVICE — P. S. Tyre, archt., 14 South 15th St., 4 story and basement, 200 x 265 ft., rein.-con., brick and steel, plain foundation, 3221-39 North Broad St., to Turner Constr. Co., 1713 Sansom St., for Packard Motor Co., 319 North Broad St. Archts. est. $1,000,000. Noted Nov. 26.

**Md., Baltimore** — APARTMENT — One Hundred University Parkway Apartment Corp., W. G. Nolting, pres., Keyser Bldg., 9 story and basement, rein.-con., brick and steel, plain foundation, University Parkway and Canterbury Rd., to Consolidated Eng. Co., 20 East Franklin St., $1,000,000. Noted Dec. 3.

**Md., Baltimore** — DISPENSARY — J. E. Sperry, archt., Calvert Bldg., 8 story and basement, 169 x 238 ft., rein.-con., brick and steel, plain foundation, monument near Wolfe St., to M. A. Long Co., 10 West Chase St., for Johns Hopkins Hospital, $1,190,000. Noted Oct. 29.

**W. Va., Buckhannon** — HOTEL — Buckhannon Hotel Co., 4 story hotel, to Banks & Brauneck, Boyd Bldg., Charleston, $154,000.

**N. C., Greensboro**—Y. M. C. A., 4 story and basement, 112 x 165 ft., brick and limestone, Market St., to W. P. Rose, Goldsboro, $220,000.

**Fla., Palm Beach** — HOTEL — Florida East Coast Hotel Co., New Breakers Hotel, 9 story, steel and concrete, to Turner Construction Co., 242 Madison Ave., New York City, N. Y. $3,000,000. Noted Oct. 29.

**Fla., Tampa** — HOTEL — Pulver Plant Hotel Co., hotel. Lafayette St., to Logan Bros., Citizens Bank Bldg., $2,050,000.

**O., Cleveland**—APARTMENT—T. Malbin, 3013 East 55th St., two 3 story and basement, 32 x 94 ft., brick apartment buildings, 15446 Lake Shore Blvd., to Winer Bros., 3337 East 135th St. Archts. est. $150,000.

**Ill., Chicago**—APARTMENT, THEATRE and STORE — S. J. Gregory, Hammond, Ind., general contract 3 story, 132 x 150 ft., fireproof, West 25th St. and South 53rd Ave., here, to R. Levine & Co., 820 West 70th St. Archts. est. $1,000,000.

**Ill., Chicago**—HOTEL—R. Matteson, 565 Diversey Parkway, carpentry and masonry contract 15 story and basement, 104 x 119 ft., rein.-con. and brick, Webster and Sedgwick Sts., to A. Lindstrom, 77 West Washington St. Archts. total est. $2,000,-000. Noted Oct. 8.

**Ill., Danville** — APARTMENT — J. Maloney, 5 story and basement, 40 x 110 ft., concrete and brick, North Vermillion St., to O. Hickman, 1023 Grant St. Archts. est. $150,000.

**Minn., Minneapolis**—STORE—E. Quinlan Realty Co., 513 Nicollet Ave., general contract superstructure 2 and 5 story, basement and sub-basement, 157 x 215 ft., rein.-con., brick, tile and stone, 9th St. and Nicollet Ave., to J. Leck Co., 211 South 11th St. Archts. total est. $1,000,000. Noted Aug. 6.

**Tex., San Antonio**—TEMPLE—Temple Beth-El Church, c/o E. Frisch, 2 story and basement, 88 x 125 ft., rein.-con., tile and stucco, plain foundation, Ashby and Belknap Sts., to J. C. Dielmann Constr. Co., 306 East Commerce St., $275,000. Noted Aug. 20.

**Calif., Los Angeles**—HOTEL—Stein & Jacobowitz, 5 story and basement, 44 x 120 ft., brick, Bixel St., to Callahan & Sons, Edwards-Wildey Bldg.

**Calif., San Bernardino** — COURTHOUSE — San Bernardino Co., 4 story, 84 x 296 ft., stone and rein.-con., to Wescott Co., 701 South Garfield St., Alhambra, $342,000. Noted Nov. 12.

**Calif., San Francisco** — HOTEL — California-Mason Realty Co., 15 story and basement, brick and terra cotta, Mason St. between Pine and California Sts., to MacDonald & Kahn, 130 Montgomery St., $4,-500,000-$5,000,000.

**Calif., San Jose**—BANK and OFFICE—Bank of Italy, Powell and Market Sts., San Francisco, 12 story and basement, rein.-con., 1st and Santa Clara Sts., to McDonald & Kahn, 130 Montgomery St., $740,750. Noted Dec. 3.

## Buildings—Educational, Religious

### PROPOSED WORK

**Me., Rumford**—NURSES HOME—Rumford Community Hospital, F. L. Latham, chn., having plans prepared by Rogers & Dion, 142 Berkley St., Boston, 2 story and basement, brick, Franklin St. $150,000.

**N. H., Durham**—COLLEGE—University of New Hampshire having preliminary plans prepared by E. T. Huddleston, Durham, 3 story, brick addition. $225,000. Noted Nov. 5.

**Vt., Woodstock**—PARISH HOUSE—St. James Rectory, L. Ames, pastor, having plans prepared by E. Q. Sylvester, 80 Beacon St., Boston, 2 story and basement, brick parish house. $150,000.

**Mass., Boston** — CHURCH — Episcopal City Mission, 68 Tremont St., E. J. Dennen, archdeacon, 1 Joy St., having sketches made 1 story and basement, brick and stone, Pembroke St. and Shawmut Ave. $150,000. Private plans.

**Mass., Boston**—SCHOOL—City Schoolhouse Dept., City Hall, having sketches made by Walker, Walker & Kingsbury, 120 Boylston St., 2 story and basement, brick and limestone addition, Staniford St. $400,000.

**Mass., Brighton** (Boston P. O.) — SCHOOL — City, Schoolhouse Dept., City

Buildings—Educational, Religious (Cont.)

Hill, Boston, having plans prepared by Fay, Spofford & Thorndike, 200 Devonshire St., Boston, 1 story and basement, brick and limestone, here. $150,000.

**Mass., Newton** (Ind. br. Boston)—HOME—Baptist Home, 308 Brookline St., Cambridge, raising $500,000 funds and having sketches made by Kendall, Taylor & Co., 142 Berkley St., Boston, 3 story and basement, brick, Lake St., here.

**Mass., South Boston** (Sta. Boston) — SCHOOL — City, Schoolhouse Dept., City Hall, Boston, having plans prepared by F. I. Cooper Corp., 178 Tremont St., Boston, 2 story, 72 x 113 ft., brick and limestone, Spurtleff Dist., here. $205,000.

**Mass., Webster**—HIGH SCHOOL—Town, Bd. Educ., J. A. Love, chn., plans Junior High School and Municipal Building, 390 Main St. To exceed $150,000. Engineer and architect not selected.

**Mass., Worcester**—CHURCH—Methodist Episcopal Church, having plans prepared by H. Eckland & Co., McKenzie Bldg., Moline, Ill., 2 story and basement, brick and stone church. $150,000.

**R. I., Woonsocket** — CHURCH — Notre Dame Des Victories Roman Catholic Church having sketches made by W. F. Fontaine, 1 story and basement, brick and stone, Spring and Prospect Sts. $150,000.

**Conn., Storrs**—CHURCH—Storrs Church, M. E. Alling, pastor, having plans prepared by D. K. Perry, 17 Court St., New Britain, for church. $150,000.

**N. Y., Far Rockaway**—HIGH SCHOOL—Bd. Educ., 500 Park Ave., New York City, having plans prepared by W. H. Gompert, archt. and engr., Flatbush Ave. Extension and Concord St., Brooklyn, brick, steel and stone, plain foundation, Connage Ave., here. $1,500,000.

**N. Y., Hastings**—SCHOOL—Union Free School Dist., C. C. Delaney, clk., having plans prepared by Shreve & Lamb, engrs. and archts., 331 Madison Ave., New York City, 3 story and basement, brick, steel and stone, plain foundation. $300,000.

**N. J., Oaklyn** — SCHOOL — Bd. Educ. plans new school. $160,000. Engineer and architect not selected.

**Pa., Spangler** — SCHOOL — St. Patricks Roman Catohlic Congregation, having plans prepared by F. Hagen, 2 story and basement, brick and hollow tile school. $150,000.

**D. C., Wash.**—HIGH SCHOOL—Dist. Comrs. takes bids about Dec. 21, for Francis Junior High School. $475,000.

**W. Va., Huntington**—CHURCH—First Presbyterian Church, J. L. Layton, pastor, having plans prepared by S. L. Day, 1st Natl. Bank Bldg., (5 units) 3 story, rein.-con., brick and stone, 10th Ave. $150,000.

**Miss., Jackson** — SCHOOLS — Hinds Co. Bd. Educ., W. H. Downing, clk., soon takes bids 2 story, 72 x 210 ft. administration building, girls dormitory addition, swimming pool and addition to gymnasium, all brick and concrete. $150,000. J. M. Spain, Millsaps Bldg., archt.

**La., Alexandria** — SCHOOL — Rapides Parish Bd. Educ., election Dec. 16, $225,000 bonds, schools in Ward 7.

**Tenn., Memphis** — CHURCH — Lamar Heights Presbyterian Church, H. B. Wade, pastor, having plans prepared by H. T. McGee, Fidelity Bank Bldg., brick and stone church, 600 seating capacity, incl. department rooms, etc., Young Ave. and Barksdale St. $150,000.

**O., Berea**—HIGH SCHOOL—Bd. Educ., L. A. Fowles, clk., having preliminary plans prepared by Fulton & Taylor, 8120 Euclid Ave., Cleveland and takes bids in spring, 3 story and basement, 30 room, brick, steel and concrete high school, $350,000.

**O., Columbus** — HIGH SCHOOL — Bd. Educ., E. L. McCune, clk., having sketches made by H. D. Smith, 20 South 3rd St., West High School, 3 story and basement, 200 x 250 ft., brick and stone, Powell St. and Chase Ave. $800,000.

**O., Greenville** — GRADE and HIGH SCHOOL — Bd. Educ., H. E. Schaeffer, clk., plans 2 story and basement Centralized Grade and High School, brick and concrete. $165,000. Engineer and architect not selected.

**O., Hollansburg** — SCHOOL — Bd. Educ. having plans prepared by C. E. Werkung & Son, Amer. Trust Bldg., Richmond, Ind., 2 story and basement, 70 x 120 ft., brick and concrete school. $155,000.

**O., Middletown**—HIGH SCHOOL—Bd. Educ. having plans prepared by T. D. McLaughlin, 610 Savings Bldg., Lima, Garfield High School, 3 story and basement, concrete, brick and stone, South Yankee St. $1,000,000.

**Mich., Detroit** — SCHOOL — University of Detroit, 630 East Jefferson Ave., had plans prepared by Malcolmson & Higginbotham, 1217 Griswold St., School of Commerce and Finance, 2 story and basement, 95 x 190 ft. rein.-con., brick and steel, plain foundation, Six Mile Rd. and Livernois Ave.

**Mich., Detroit** — SCHOOL — Bd. Educ., 1354 Bway. Ave., having plans prepared by McGrath, Dohmen & Page, 2231 Park Ave., 2 story and basement, rein.-con., brick and steel, plain foundation, Puritan and Cloverlawn Aves. $150,000. Noted Nov. 12.

**Mich., Kingsford Heights** (Iron Mountain P. O.) — SCHOOLS — Breitung Twp. Bd. Educ., J. Roth, secy., having plans prepared by F. E. and G. F. Parmelee, Iron Mountain, 2 brick and tile grade schools, $90,000 each and high school addition, $200,000, all 2 story and basement, brick and tile, plain foundations.

**Wis., Milwaukee** — SCHOOL — St. Stanislaus Congregation, 404 Mitchell St., having preliminary plans prepared by Herbst & Kuenzli, 130 Grand Ave., 2 story and basement, brick, tile and concrete, plain foundation, Grove St. $200,000.

**Minn., Minneapolis** — SCHOOL — Bd. Educ., G. F. Womrath, bus. dept., 305 City Hall, having plans prepared by Bureau of Buildings, Div. of Design & Inspection, c/o owner, (2nd unit) 3 story and basement, rein.-con. and brick, 14th St. and Spruce Pl. $150,000.

**Mo., Kansas City**—CONVENT—Catholic Diocese, Armour St. and Hyde Park purchased 275 x 400 ft. site and plans convent, 71st and Oak Sts., for Institute of Our Lady of Mercy. To exceed $150,000. Engineer and architect not selected.

**Mo., Kansas City**—NURSES HOME and CLUB — Kansas City Nurses Club, 4420 Lloyd Ave., purchased site and plans 3 story and basement, 67 x 88 ft., concrete, plain foundation, East 33rd St. $150,000. Engineer and architect not selected.

**Mo., Lexington**—SCHOOL—Election Dec. 11, $240,000 bonds, new school buildings.

**Mo., University** (Sta. St. Louis) — SCHOOLS—Election Dec. 15, $470,000 bonds, additions to Pershing, Flynn Park and high schools, for Bd. Educ.

**Tex., Amarillo** — HIGH SCHOOL — City, School Bd., plans brick and rein.-con. high school. $200,000. Engineer and architect selected soon.

**Okla., Tulsa**—SUNDAY SCHOOL—First Baptist Church, 8th and Cincinnati Sts., having plans prepared by C. H. Woodruff, engr. and archt., 400 Reynolds Bldg., Ft. Worth, Tex., rein.-con., brick and stone addition, plain foundation, 4th and Cincinnati Sts. $300,000.

**Wash., Seattle** — SCHOOLS — Bd. Educ. had plans prepared by F. A. Naramore, Central Bldg., for Alexander Hamilton Intermediate School, $465,000; John Marshall School, $400,000; also smaller schools. Total $930,000.

**Calif., Long Beach**—CHURCH—Atlantic Ave. Methodist Church having plans prepared by R. S. Tuttle, 363-17th St., Oakland, and K. Cutter, 1000 E-Ocean Blvd., 2 story and basement, brick and concrete, State and Atlantic Sts. $150,000.

**Calif., San Andreas**—HIGH SCHOOL—San Andreas Union High School Dist. plans election $150,000 bonds, fireproof school.

**Calif., San Francisco**—HIGH SCHOOL—City and San Francisco Co., having plans prepared by J. Reid, Jr., 1st Natl. Bank Bldg., fireproof addition to Lowell High School. $150,000 or more.

**Calif., San Leandro** — SCHOOL — Plans election $200,000 bonds, additions to present schools. J. J. Donovan, Tapscott Bldg., Oakland, archt.

## BIDS DESIRED

**Mass., Charlestown** (Boston P. O.) — SCHOOL—Dec. 15, by Schoolhouse Dept., City Hall, Boston, 2 story and basement, 40 x 130 ft., brick and limestone, Warren St., Bunker-Hill Dist., here. $210,000. J. Driscoll, 6 Beacon St., Boston, archt. Noted Nov. 5.

**Conn., Wallingford** — SCHOOL — School Comn., City Hall, taking bids 2 story and basement, 70 x 100 ft., brick and steel, East Center St., $150,000. W. T. Arnold, 34½ West Main St., Meriden, archt. Noted Nov. 2.

**Pa., Overbrook** (Phila. P. O.) — SEMINARY and CHAPEL — Dec. 17, by D. Cardinal Daugherty, pastor Seminary of St. Charles Boromeo, 18th and Summer Sts., Phila., Seminary 3 story and basement, 40 x 600 ft. with three 45 x 200 ft. wings, and chapel 1 story, basement, sub-basement and tower, 100 x 200 ft., both rein.-con. granite and limestone, plain foundation, Highland and Wynnwood Sts., here. $1,000,000. P. A. Monaghan, 1713 Samson St., Phila., archt. Noted Nov. 26.

**D. C., Wash.**—HIGH SCHOOL—Jan. 1, by Dist. Comrs., for Randall Junior High School. $200,000.

**O., Cincinnati**—HIGH SCHOOL—Dec. 21, by Bd. Educ., Denton Bldg., Western Hills High School, 3 story and basement, rein.-con. and brick, plain foundation, Bridgetown Pk. $1,000,000. Garber & Woodward, Union Central Bldg., archts.

**O., Cleveland**—CHURCH—Dec. 16, by Walker & Weeks, archts., 1900 Euclid Bldg., 1 story, concrete, brick and steel, East 107th St. and East Blvd., for Epworth-Euclid Methodist Episcopal Church, L. C. Wright, pastor, 2547 Derbyshire Rd., Cleveland Heights. $650,000.

**Mich., Detroit**—HIGH SCHOOL—Dec. 12, by C. A. Gadd, bus. mgr. Bd. Educ., 354 Bway. Ave., 3 story and basement, 85 x 185 ft., rein.-con., brick and steel, plain foundation, Ownen Ave. $228,000. Smith, Hinchman & Grylls, 800 Marquette Bldg., archts. Noted Feb. 5.

**Mich., Jackson**—HIGH SCHOOL—Dec. 21, by J. F. Clark, secy. Bd. Educ., 116 West Wesley St., 3 story and basement, rein.-con., brick and steel, plain foundation, Wildwood and Winthrop Sts. $1,200,000. Childs & Smith, 720 North Michigan Ave., Chicago, Ill., archts. Noted Nov. 5.

**Minn., Bemidji**—COLLEGE—See "Buildings—Industrial."

## BIDS RECEIVED

**Pa., Phila.**—HIGH SCHOOL—Bd. Educ., 19th and Arch Sts., general contract 4 story and basement, 159 x 268 ft., rein.-con. and brick, plain foundation, Media St. between 53rd and Peach Sts., from W. R. Dougherty, 1608 Sansom St., $1,022,000; heating and plumbing, from S. Fath Co., 2427 Pennsylvania Ave., $95,996 and $46,996 respectively; and electrical work, from J. T. Casey, 207 South Front St., $43,785. Noted Nov. 25.

## CONTRACTS AWARDED

**Pa., Allentown** — HIGH SCHOOL — Jacoby & Everett, archts., Commonwealth Bldg., Junior High School, 3 story and basement, 136 x 182 ft. 2nd and Turner Sts., to Ochs Constr. Co., 440 Wire St. $289,750. Noted Dec. 3.

**Md., Baltimore**—SCHOOL—Bd. Awards, 2 story, 64 x 138 ft., rein.-con. and brick, plain foundation, 5th St. and Claremont Ave., to Consolidated Eng. Co., 20 East Franklin St., $164,000. Noted Dec. 3.

**O., Toledo**—HIGH SCHOOL—Bd. Educ., East 6th St. and Rockwell Ave., general contract Broadway Junior High School, 1,200 seating capacity, Bway. and Walbridge Ave., to Newton-Baxter Co., 417 Hamilton St., $497,650; heating, ventilating and plumbing, to Freyn Bros., 31 West Michigan St., Indianapolis, Ind., $84,089.

**Mich., Detroit**—SCHOOL—Malcolmson & Higginbotham, archts., 1217 Griswold St., 3 story, 122 x 150 ft., rein.-con., brick and steel, plain foundation, Six Mile Rd. and Livernois Ave., to F. H. Goddard, 2130 Franklin St., for University of Detroit, 630 East Jefferson Ave., $300,000. Noted Oct. 29.

**Ill., Elmhurst**—SCHOOL—J. C. Llewellyn Co., archts., 38 South Dearborn St., Chicago, masonry and carpentry contract 3 or 4 story, 40 x 180 ft., rein.-con. and brick addition, here, to W. E. O'Neil Constr. Co., 19 South La Salle St., Chicago, for Bd. Educ. Noted Nov. 5.

**Wis., Milwaukee** — PRE-VOCATIONAL SCHOOL—School Bd., F. Harbach, secy., 10th and Prairie Sts., 2 and 3 story, 189 x 335 ft., brick, tile and concrete, plain foundation, Windlake St., concrete and excavation, to Kroening Constr. Co., 39th Ave. and Mitchell St. $182,990; masonry, to Paul Riesens Sons, 1016 Humboldt Ave., $75,987; steel and iron, to C. Hennecke Co., 1353 North Pierce St., $26,140; heating and ventilating, to P. E. Mueller Co., 320 Park St. $64,870; and carpentry, to P. W. Bringe, 940 3rd St., $47,793. Grand total $397,780. Noted Oct. 15.

**Okla., El Reno**—HIGH SCHOOL—Bd. Educ., 3 story and basement, 111 x 138 ft., rein.-con. and brick, plain foundation, Bickford St., to A. E. Scobey, Guthrie, $126,000. Archts. est. $165,000. Noted Oct. 29.

# Federal Government Work

### PROPOSED WORK

**Wash., Westport**—Signal Building—Supt. Lighthouses, Portland, Ore., plans fog signal building, rein.-con., at Greys Harbor Light Station, here.

**Calif., Eureka**—Radio Tower—Spec. 5161—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans 125 ft. steel and concrete radio tower, at Naval Radio Station, here.

### BIDS DESIRED

**N. H., Concord**—Extension—Dec. 29, by Treas. Dept. at office supervising archt., extending mailing vestibule, etc., at U. S. Post Office, here.

**N. Y., Jamestown**—Remodeling—Dec. 22, by Treas. Dept. at office supervising archt., remodeling, etc., at U. S. Post Office, here.

**N. Y., New York**—Pump—Dec. 12, by U. S. Engineer Office, 2nd Dist., Army Bldg., 20 in. volute centrifugal single suction lined dredge pump.

**Pa., Phila.**—Dredging Sleeves—Dec. 30, by U. S. Engineer Office, 1505 Race St., 722 rubber dredging sleeves.

**Va., Norfolk**—Pipe Line Dredge—Dec. 23, by U. S. Engineer Office, repairing U. S. 20 in. pipe-line dredge "Currituck"; adv. E. N.-R. Dec. 10.

**Ga., Savannah**—Remodeling—Dec. 28, Treas. Dept. at office supervising archt., Wash., D. C., remodeling U. S. Marine Hospital, here. Noted Aug. 20.

**Mich., Lansing**—Dec. 28, by Treas. Dept., at office Supervising Architect, Wash., D. C., remodeling and enlarging post office, here.

**Calif., San Rafael**—Dredging— U.S. Engineers Office, Custom House, San Francisco, Nov. 13, dredging in San Rafael Creek, here, from San Francisco Bridge Co., Nevada Bank Bldg., San Francisco, **(a)** $0.15 **(b)** $0.45. Noted Oct. 29 under "San Francisco."

**T. H., Pearl Harbor**—Fences and Gates—Spec. 5147—Dec. 16, by Bureau Yards & Docks, Navy Dept., Wash., D. C., fences and gates at Naval Operating Base, here; adv. E. N.-R. Dec. 10.

### BIDS RECEIVED

**Md., Baltimore** — Storehouses — Treas. Dept. at office supervising archt., Wash., D. C., Dec. 3, store houses, etc., at U. S. Quarantine Station, here, from Regan Constr. Co., 2 East Lexington Ave., $4,440. Noted Nov. 19.

**D. C., Wash.** — Research Laboratory — Spec. 5098 — Bureau Yards & Docks, Navy Dept., rein.-con. research annex building at Naval Research Hospital Laboratory (Bellevue), here, from Virginia Eng. Co., Newport News, Va. **(1)** $64,898 **(2)** $380 **(3)** $1,800 **(4)** $895 **(5)** $3,800 and **(6)** $1,326. Noted Oct. 8.

### CONTRACTS AWARDED

**Conn., New London**—Piers—Spec. 5174—Bureau Yards & Docks, Navy Dept., Wash., D. C., repairs to piers at submarine base, here, to Merritt-Chapman & Scott Corp., 292 Pequot Ave., $6,600 (120 days). Noted Nov. 26.

**D. C., Wash.**—Library—D. Lynn, archt. of the Capitol, at Congressional Library, constructing bookstack building, to Snead Co., foot Pine St., Jersey City, N. J., $725,000. Noted Dec. 3.

**Wis., Milwaukee** — Derrick Boat — U. S. Engineer Office, 15 ton steel derrick boat, to L. D. Smith Dock Co., Sturgeon Bay, $77,600. Noted Nov. 26.

**Ore., Portland**—Barges—U. S. Engineer Office, New Post Office Bldg., 2 steel barges, to Albina Marine Iron Wks., Lewis and Loring Sts. $48,968. Noted Nov. 5.

# Unclassified

### PROPOSED WORK

**Traffic Signals—New Haven, Conn.**—City plans interocking traffic signal system covering 26 points. $25,000.

**Swimming Pool — North Tonawanda, N. Y.**—Bd. Educ. Union Free School Dist. 2, soon takes bids brick swimming pool. $80,000. Tooker & Marsh, 101 Park Ave., New York City, archts.

**Power Line—North Carolina**—Roanoke Rapids Power Co., Roanoke Rapids, N. C., F. J. Chase, vice-pres., and Virginia Electric & Power Co., Richmond, Va., plan extending lines into Eastern North Carolina, and probably furnish power to towns of Elizabeth City, Kinston, and Greenville. Elizabeth City project requires 40 mi. extension.

**Transmission Lines—North Carolina**—Tidewater Power Co., Wilmington, F. D. Matthes, vice-pres., plans extending lines into Beaulaville, also to all important points within radius of 100 mi. of Wilmington.

**Swimming Pool—Jackson, Miss.** — See "Buildings—Educational, Religious."

**Lighting System—Nashville, Tenn.**—Bd. Pub. Wks., plans "White Way" lighting system on 17 streets in business district. To exceed $50,000. H. E. Howse, mayor. Cost to be borne by property owners.

**Grand Stand — Springfield, Ill.** — State soon lets contract steel and concrete grand stand at proposed new 1 mi. race track at State Fair Grounds. $450,000. L. Small, dir. Dept. Purchases & Constr., engr.

**Transmission Line—Texas**—See "Dams under Victoria."

**Power Transmission Line — Texas** — Western Pub. Serv. Co., Bryan, plans power transmission line from Navasota to Madisonville. $40,000. Private plans. Work may be done by day labor.

**Causeway—Point Isabel, etc., Tex.**—Gulf Coast Causeway Co. making preliminary surveys, etc., 119 mi. tarviated gravel causeway along coast from here toward Galveston Toll Rd. $2,000,000. Private plans.

**Stadium—San Antonio, Tex.**—Bd. Educ., c/o Secretary, Russell Bldg., plans concrete and steel stadium, 25,000 seating capacity, at Schwab Field. $50,000. Engineer selected soon.

**Underground Mains, etc.—Victoria, Tex.**—Victoria Ice & Electric Co., making plans wires and cables underground in fire district. $60,000. Private plans.

**Land Development—Bartlesville, Okla.**—Bartlesville Development Co., c/o F. L. Dunn, secy., 1st Natl. Bank Bldg., purchased 160 acre tract and making preliminary plans high class sub-division incl. streets, curbing, sewers, water works, etc., near here. Engineer not selected.

**Lighting System—Culver City, Calif.**—Plans ornamental lighting system on portions of Oregon, Montana and Arizona Aves., etc. $25,000 or more.

**Ornamental Lighting System — Los Angeles, Calif.**—Making plans steel standards on portions of Brunswick, Boyce, Edenhurst Aves., etc.; and concrete standards on Heliotrope Dr. To exceed $25,000.

**Amusement Pier—Redondo Beach, Calif.**—C. L. Langley making plans 325 x 600 ft. rein.-con. amusement pier, and 75 x 100 ft. rein.-con. pavilion, etc. J. P. Perrine, Lincoln Bldg., Los Angeles, Calif.

**Swimming Pool — Sacramento, Calif.** — W. B. Fink, 3962 "E" St., made plans 80 x 280 ft. concrete swimming pool, from 3 to 12 ft. deep, approximately 650,000 gal. capacity. $100,000. H. N. Jenks, c/o Sacramento City Filtration Plant, engr.

**Hydro-Electric Development — Lakefield, Ont.** — See "Buildings—Industrial."

**Gasoline and Oil Service Stations — Toronto, Ont.**—Imperial Oil Co., 56 Church St., making plans 3 gasoline and oil sales and service stations, brick and concrete, one on College St. and Brock Ave., one on Bloor St. and Reisholme Rd., and other Queen and Crawford Sts. $100,000. L. G. Wheaton, 56 Church St., engr.

### BIDS DESIRED

**Platform Extensions—Brooklyn, N. Y.**—Dec. 14, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York City, extending platforms of Myrtle, DeKalb, Atlantic and 7th Aves. and Pacific and Court Sts. stations, of Rapid Transit R.R., here.

**Sanitary Work, etc.—Middletown, N. Y.**—Jan. 6, by State Hospital Comn., Capitol, Albany, sanitary work, water supply for fire protection, at Middletown State Hospital, here; adv. E. N.-R. Dec. 10.

**Bulkhead—New York, N. Y.**—Dec. 17, by Park Bd., F. D. Gallatin, pres., Arsenal Bldg., 64th St. and 5th Ave., concrete bulkhead along easterly boundary of public driveway between 193rd and 198th Sts.

**Special Work—New York, N. Y.**—Dec. 18, by Bd. Transportation, 49 Lafayette St., J. H. Delaney, chn., special work (rails, frogs, switches, etc.), for constructing Corona Yard.

**Heating System, etc.—Utica, N. Y.**—Jan. 6, by State Hospital Comn., Capitol, Albany, heating system, fire protection, water supply, etc. at Utica State Hospital, here. S. W. Jones, Capitol, Albany, archt.; adv. E. N.-R. Dec. 10.

**Ash Handling Equipment, etc.—Detroit, Mich.**—Dec. 14, by J. S. Foley, secy., Public Lighting Comn., 174 East Atwater St., for ash handling equipment, boiler settings, etc., for power house, foot of Morrell St., $35,000. Smith, Hinchman & Grylls, 800 Marquette Bldg., engrs.

**Heating, Plumbing, etc.—Chicago, Ill.**—Dec. 22, by Bd. Educ., 650 South Clark St., J. E. Byrnes, bus. mgr., Sullivan Junior High School, North Shore and Albion Aves., steam heating, plumbing, ventilating, heat regulation, coal and ash conveyor, etc. J. C. Christenson, 650 South Clark St., archt.

**Culverts—Ohio**—See "Bridges."

**Circuit Breakers — Auckland, New Zealand** — Feb. 16, by Secretary Pub. Wks. Supplies & Tenders Comn., three 110 kv. and two 50 kv. oil immersed circuit breakers, one 110 k.v. set airbrake switches, eight 110/kv. and four 50 kv. sets isolating switches, etc.

### BIDS RECEIVED

**Stadium — Columbia, Mo.** — Curators of University of Columbia, Dec. 1, rein.-con. athletic field stadium, 25,000 seating capacity, from Parsons Constr. Co., 404 Arthur Bldg., Omaha, Neb., $264,000. Noted Nov. 5.

### CONTRACTS AWARDED

**Foundation — Providence, R. I.** — See "Buildings—Commercial."

**Fire Alarm System—New York, N. Y.**—T. J. Drennan, fire comr., Municipal Bldg., portion underground fire alarm system, in Bronx Boro, to W. F. Kenny Co., Inc., 44 East 23rd St., $18,054; and to J. Sugden Co., Inc., 100 5th Ave., $26,208. Noted Dec. 3.

**Lighting Standards—Gulfport, Miss.**—See "Streets and Roads."

**Heating, Ventilating and Plumbing — Toledo, O.**—See "Buildings—Educational, Religious."

**Docks — Milwaukee, Wis.** — Dept. Pub. Wks., 2 rein.-con. docks, one at Municipal Storage Yard east of 16th St. viaduct, and other at Kinnickinnic Flushing Station, Chicago Ave., to E. E. Gillen Co., 288 East Water St., $102,432 and $18,326 respectively. Noted Dec. 3.

**Oil Pipe Line—Arkansas**—Crusader Pipe Line Co., 150 mi. 18 in. oil pipe line from Smackover fields to Mississippi River, to J. J. Conner & Sons Co., 1221 Stratford Rd., Kansas City, Mo., $2,250,000.

**Lighting System—Los Angeles, Calif.**—Ornamental lighting system on Pico St. between Vermont and Crenshaw Aves., to Los Angeles Electric Wks., 1128 South Los Angeles St., $65,600.

# Materials

### PROPOSED WORK

**Granite Paving Blocks—Havana, Cuba**—Government soon takes bids 40,000,000 granite paving blocks for use here and throughout province.

### BIDS DESIRED

**Broken Stone, etc. — Long Island City, N. Y.**—Dec. 17, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., 29,000 cu.yd. broken stone, 14,000 cu.yd. sand, 1,600 tons asphalt cement, and 150,000 gal. fuel oil.

**Sewer Pipe, Paving Blocks, etc.—Minneapolis, Minn.**—Dec. 15, by F. S. Gram, city purch. agt., 400 tons sewer castings, vitrified sewer pipe and segment blocks, also 500,000 vitrified paving blocks, etc. N. W. Elsberg, city engr.

**Cement—Missouri**—Dec. 18, by State Hy. Dept., Jefferson City, 1,616,700 bbl. cement for highways during 1926. $4,000,000.

### CONTRACTS AWARDED

**Slag—Detroit, Mich.**—Dept. Pub. Wks., 10,000 net tons slag f.o.b. Detroit, to France Slag Co., Zug Island, Detroit, $2.35 per ton.

**Road Oil—Fresno, Calif.**—D. M. Barnwell, clk. Fresno Co., 72,500 bbl. road oil containing minimum 65% asphalt and 42,500 bbl. not less 73% asphalt content, to Standard Oil Co., Standard Oil Bldg., San Francisco, $0.90 per 42 gal. bbl. and $0.95 per bbl. respectively.